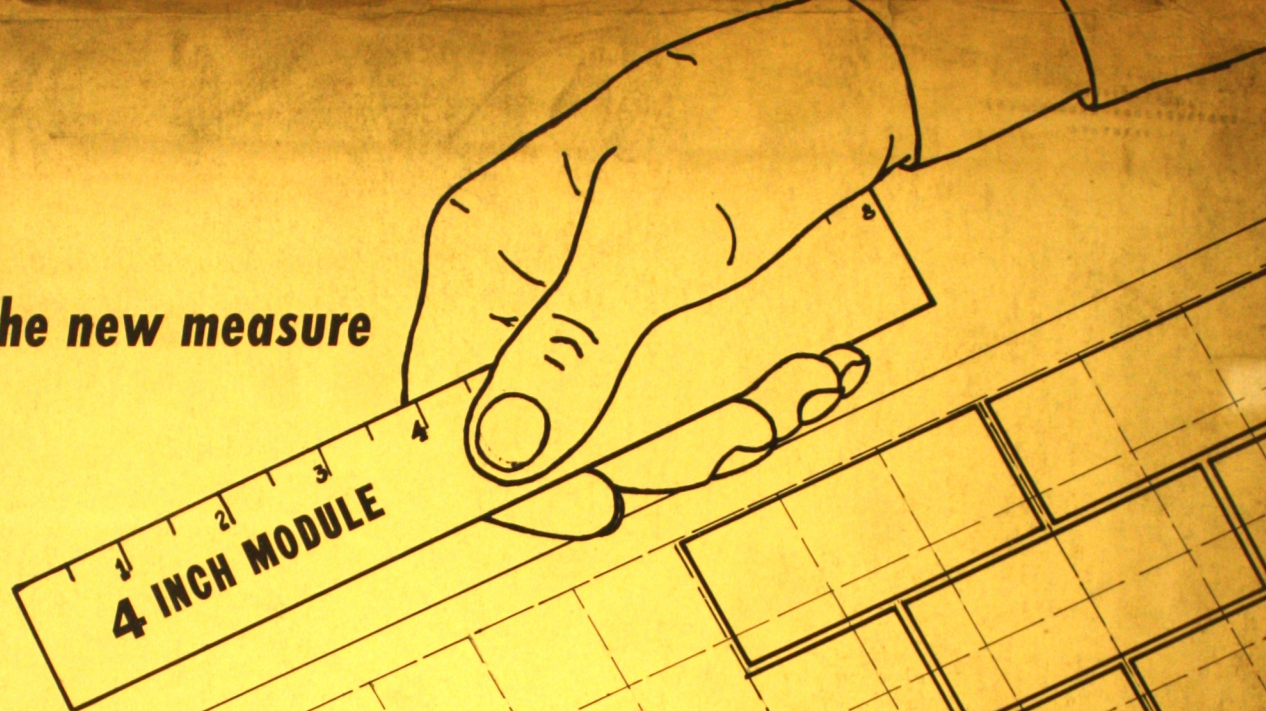


This is the new measure



for all masonry

The **STARK BRICK CO.**
CANTON, OHIO.

STARK'S Presentation of Modular Masonry

MODULAR PLANNING—Sometimes called dimensional coordination of materials, may be defined as the dimensioning of building units so that they will fit together and coordinate and also the use of building dimensions consistent with such coordinated sizes.

STANDARD MODULE—After careful consideration and study a 4" unit has been selected as the standard dimensional increment or module, which affords the maximum practicable standardization and simplification consistent with present standardization and building practice. It is used as a dimensional increment and structural layout unit. The sizes of building products are not, however, required to be exact multiples of the 4" module.

STANDARD GRID—To effect correlation between building layouts and details and the dimensional coordination of materials, the 4" module serves as the spacing for a uniform grid to which the building layout and details are referenced. This 4x4 grid provides the architect and draftsmen with a simple, convenient and uniform method of referencing and dimensioning drawing and establishing the correlation between the details and the dimension of the building.

On the 5-1/3x12 nominal size it is convenient in preparing layouts to use a major grid of 12" horizontally and 16" vertically (3 grids x 4 grids). The actual size of the unit being 5-1/16x11-3/4". Working drawing can be simplified greatly if a 12x16" major grid is maintained, as practically all building units will fit within this grid or a multiple thereof. If the 5-1/3x8 nominal grid is used we would still encourage the use of the major grid. In these sizes it is well to remember the rule 3 courses in 16"

The major grid lines on the drawings are indicated 

RESULT—In brief, through modular planning and dimensional coordination, we will achieve the following results, all forecasting better buildings at lower square foot cost:

1. Elimination of waste labor and materials.
2. A simplified method of layout reducing drafting time.
3. More accuracy and greater simplification for contractor layout foreman in laying out tile on the job.
4. Earlier use of the structure through reduction of construction time.
5. Economy in all parts and equipment through better mass production.
6. Economical flexibility in the owner's or tenant's use of the building.

DETAILS—Modular sizes of glazed tile afford 4" flexibility horizontally and vertically. Most door and window dimensions are multiples of 8" vertically and 4" horizontally, consequently the windows would be on an exact grid. On windows, double hung and steel, provisions had to be made on the sills to clear handle and latch. A fixed dimension of 1-7/16" down from grid to top of sill must be maintained as shown on several elevation details and wall section Drawing SM9.

Explanation

The foregoing pages of details are being presented for the purpose of furnishing the architect with the new sizes of glazed and unglazed facing tile, so that the architectural profession and the contractors throughout the country may enjoy the time saving economies of modular coordination in all types of construction.

Drawing SM2 contains the key details for modular planning in the 5-1/3 x 12 Series. All four possible sill and lintel conditions are shown, insuring 4" flexibility in height. Jamb J1, J2 and J3 will be the only jamb conditions with 4" flexibility in length.

Drawing SM3 shows an elevation covering all possible jamb conditions in the 5-1/3 x 12 Series. The 1-7/16" dimension at sill is a fixed dimension from the center of bottom bar on the steel sash to the top of the inside masonry sill.

Drawing SM4 is same as Dwg. SM3 except having alternate coursing (see Course B at bottom).

Drawing SM5 also shows the possible jamb condition similar to Dwg. SM3, with same window size but shows different sill and lintel condition.

Drawing SM6 same as SM5 except alternate coursing.

Drawing SM7 shows a wall elevation for three standard size door openings. This drawing shows the three lintel conditions with the tile 5-1/3 x 12 nominal.

Drawing SM8 same as SM7 except alternate coursing.

Drawing SM9 shows wall section for 4 types of windows:

1. Removable Architectural Projected.
2. Wood.
3. Double Hung (Heavy).
4. Double Hung (Residence).
5. Glass Block.

On Removable Architectural Projected windows, recesses in the jambs, sill and lintels of the masonry openings are necessary. To compensate for these increased openings where 1-7/16" must be maintained at the sill and approximately 2-13/16" at the

lintel, the combination of the 3-3/4" high, 5-1/16" high, 6-3/8" high and 7-3/4" high will be used. A rule can be followed that the next smaller unit can be used on the sill and the second smallest on the lintel. In other words, if the regular 5-1/16" high sill unit automatically would come on the grid, the unit to use for the recessed sill would be 3-3/4" high. In the case of the lintel the 5-1/16" unit is used whenever the 7-3/4" high unit would be the automatic unit on the grid. Refer to coursing table on inside of cover for proper unit.

Drawing SM10 shows all possible conditions of a 6" two-faced wall—internal coved corners using 5-1/3 x 12 Series. Both A & B coursing shown.

Drawing SM11 shows all possible conditions of a 4" two-faced wall—internal coved corners, 5-1/3 x 12 Series.

Drawing SM12 shows all possible conditions of a 8" two-faced wall—internal coved corners—5-1/3 x 12 Series.

Drawing SM13 shows all possible conditions of 4", 6" and 8" two-faced walls—internal coved corners—5-1/3 x 8 Series.

Drawing SM14 shows all possible conditions of 4" two-faced external corners—5-1/3x12 Series.

Drawing SM15 shows all possible conditions of 6" two-faced external corners—5-1/3x12 Series.

Drawing SM16 shows all possible conditions of 8" two-faced external corners—5-1/3x12 Series.

Drawing SM17—Wall elevation covering jamb condition in the 5-1/3 x 8 Series. Note simplicity of jambs as only one condition prevails. Note that sill is on even 8" grid.

Drawing SM18—Same as SM17 except sill is shown on odd 8" grid.

Drawing SM19-----

Drawing SM20-----

Drawing SM21-----

Drawing SM22-----

Drawing SM23-----

Drawing SM24-----

Drawing SM25-----

As drawings are completed showing other general conditions, copies will be forwarded to you. Kindly keep this office advised as to the number required and any changes of address.

THE STARK BRICK COMPANY

The Stark Brick Company guarantees that any ware manufactured by it will conform to the quality standards, tolerances and grading rules established by the Facing Tile Institute. If it can be established within reasonable time, but in no event longer than one year, that any material does not conform to these standards, the Stark Brick Company will replace defective units. The measure of damage after ware has been installed will be the replacement of defective units without charge at the factory, but no charge for labor or other expenses required to repair defective ware or damage

occasioned by it will be allowed. This guarantee is expressly in lieu of all other guarantees and warranties expressed or implied and of all other obligations or liability on the manufacturer's part, and the manufacturer neither assumes nor authorizes any other person to assume for him any other liability in connection with the sale of his ware.

In no event will replacement of Off-Grades be made after installation. No replacement will be made of ware chipped on job or after installation.



THE CITY OF NEW YORK
DEPARTMENT OF PUBLIC WORKS
MUNICIPAL BUILDING

February 14, 1946

Mr. H. F. Zagray, Sales Engineer
The Stark Brick Co.
Canton, Ohio

Dear Mr. Zagray:

I have just been re-examining the blueprints of your drawings, Nos. SM-1 to SM-10, in which you demonstrate layout methods for use of the nominal 6-1/3" x 12" structural clay units. Let me again say that I find these most instructive and of the type of presentation which is most valuable in the drafting room.

While we are still counting on considerable use of the nominal 4" x 12" sizes in our work, we may very well have projects calling for large areas of glazed structural tile. In such cases, I recommend the use of the larger (6-1/3" x 12") unit. We are, therefore, strongly counting on the availability of both the 4" x 12" and the 6-1/3" x 12" sizes.

Alfred Hopkins Associates of 415 Lexington Avenue, New York City, are working with us on a large project and I would appreciate it if you could send them a set of prints. If you have any other sheets, they also would be welcomed.

As your presentation appears to me indicative of the type of material required by the average drafting room, may I also request that you send a copy to Mr. Ted Coe, Chairman, Sub-Committee on Manual, A-62, The Octagon Building, Washington, D. C. In my correspondence with him, I am quoting your drawings as illustrative of my viewpoint.

Trusting that you can forward these drawings soon,

Cordially yours,

(Gordon Lorimer)

A. GORDON LORIMER
Chief
Bureau of Architecture

1736 K STREET N. W.

WASHINGTON 6, D. C.

PHONE REPUBLIC 1475

Structural Clay Products Institute

May 15, 1946

Mr. W. H. Davis, Secretary
Stark Brick Company
Canton, Ohio

Dear Mr. Davis:

I have reviewed the layouts of modular facing tile and the assembly details prepared by the Stark Brick Company with a great deal of interest and I congratulate you on the complete and, at the same time, concise manner of your presentation.

As you know, ASA Project A62 for the Coordination of Dimensions of Building Materials and Equipment is sponsored by the American Institute of Architects and the Producers' Council. The single objective of the project is reduction of building costs and all who have studied the plan agree that dimensional coordination presents the best and most practical opportunity to reduce cost of building that has been proposed to the construction industry to date. Time studies on modular masonry, both in this country and abroad, indicate savings in the erection costs of modular masonry as compared to conventional types of from 20 to 40 percent, due primarily to reduction of field cutting and simplified layout.

During the past five years, architects and engineers have shown an increasing interest in dimensional coordination and many large projects have been designed on a modular basis. Several have already been constructed. The details which you have prepared will be made available to designers at a most opportune time and I believe will be a valuable aid in modular design.

Very truly yours,

(Harry C. Plummer)
Harry C. Plummer
Director
Engineering and Research

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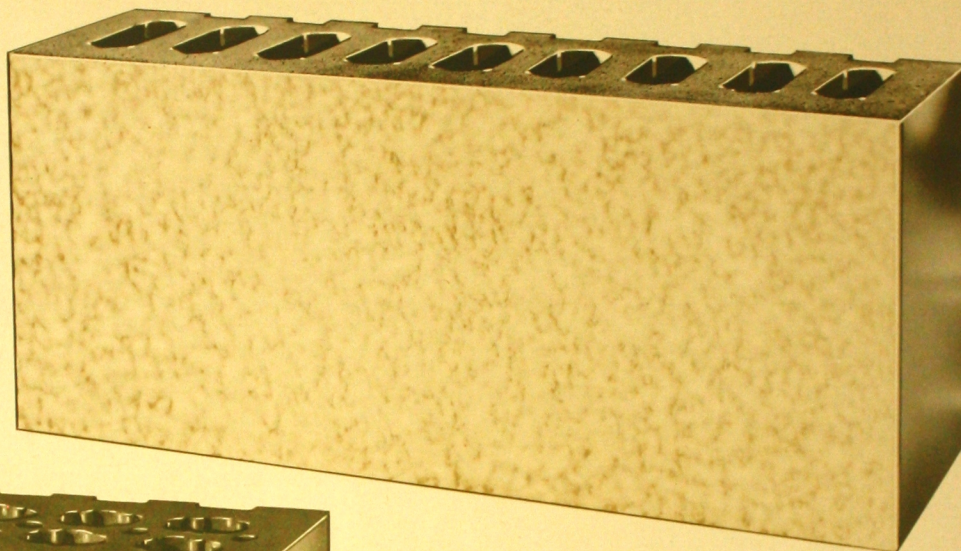
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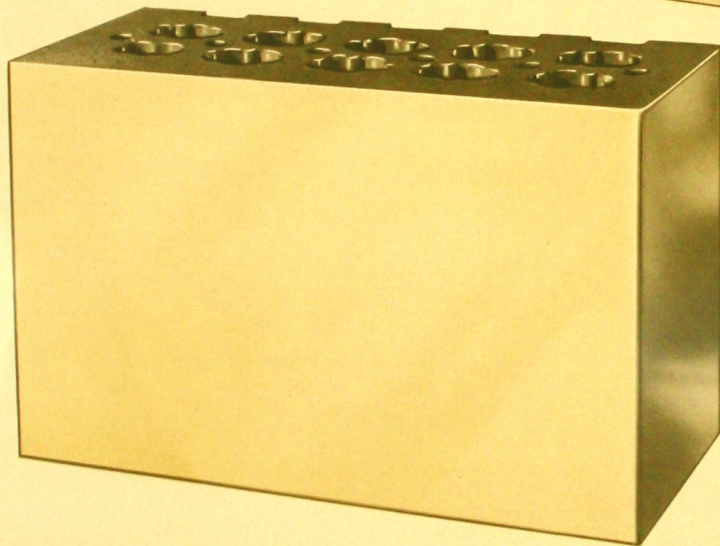
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Representative of Stark Shades and Textures

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Shade 904
Smooth Cream
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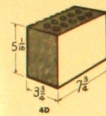
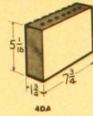
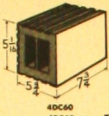
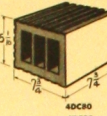
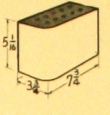
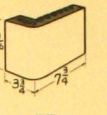
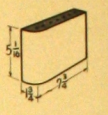
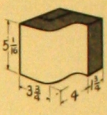
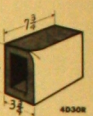
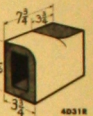
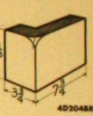
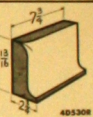
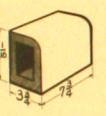
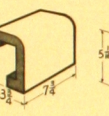
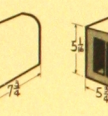
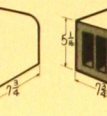
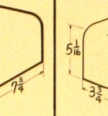
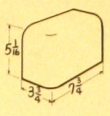
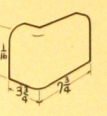
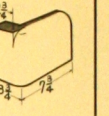
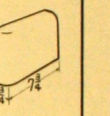
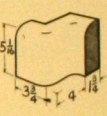
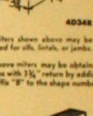
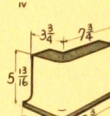
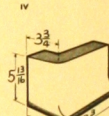
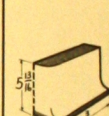
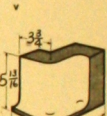
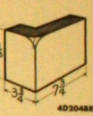
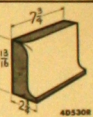
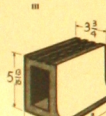
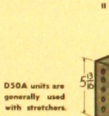
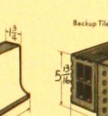
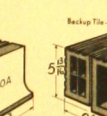
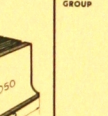
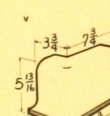
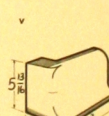
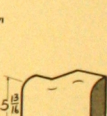
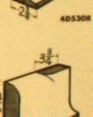
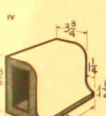
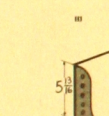
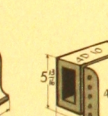
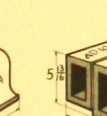
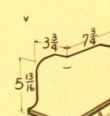
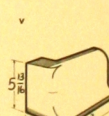
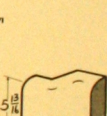
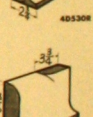
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5½" x 8" FACE ("4D" Series)

	STRETCHER				BULLNOSE CORNER OR JAMB, AND STARTER		PILASTER	MITER	
	4" BED OR REVEAL	2" BED OR REVEAL	6" BED OR REVEAL	8" BED OR REVEAL	4" RETURN OR SOAP (4" RETURN)		SOAP (2" RETURN)		
FIELD	GROUP  4D 40 mm ■  4D 40" ■  4D 40 gr (Shown) ■  4D 40 gr (Shown) ■ Also Available 45A-2 1/4 High Shipment may be facilitated by simply ordering stretchers (Example 4D) thereby permitting the manufacturer to ship either the scored or smooth back stretchers or a mixture. If job conditions require that the back be of a certain type they may be obtained by ordering the following: unselected glass back is - unselected, unselected, unselected back gr - scored or grooved back. Type and direction of SCORING and CORING are optional with the manufacturer. In general, the manufacturer standardizes on either the horizontal or vertical coring and does not supply both.				GROUP I  4D4 2D4-3 1/4 Length  4D4B Also Available 45A-2 1/4 High Also Available 45B-2 1/4 High		II  4D4A	III  2D4x8L Kerfed for Soap	IV  4D30R IV  4D31R V  4D34R Miters shown above may be used for cills, sills, or jambs. The above miters may be obtained in cove with 3 1/4" return by adding the suffix "B" to the shape number. IV  4D30ABR Use with slope cills and bullnose jambs. V  4D33OR
	BULLNOSE SILL CAP OR LINTEL	GROUP II  4D20  4D20B  4D20A  4D26O  4D28O 2D28O-3 1/4 Long				GROUP V  4D24CR  4D24R  4D24x38R  4D24AR		IV  2D24x38L	V  4D34R
SQUARE SILL CAP OR LINTEL		SAME AS ABOVE, BUT SQUARE INSTEAD OF BULLNOSE 4D10 A power driven saw should be used for all cutting on the job. 4D160 4D180 2D180-3 1/4 Long				GROUP IV  4D54R  4D504R  4D504  2D54x58L		V  4D30ABR	V  4D30R
	COVE BASE	GROUP III  4D50  4D50A  4D50A units are generally used with stretchers.  4D50A  4D50				GROUP IV  4D524R  4D5204R  4D5204  2D524x528L		VI  4D531R	V  4D53OR
ROUND TOP COVE BASE		GROUP IV  4D30  4D30A  4D520A  4D520				GROUP V  4D524R  4D5204R  4D5204  2D524x528L		VI  4D531R	V  4D53OR

■ Not made unglazed

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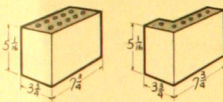
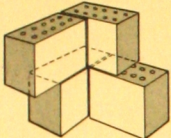
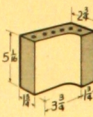
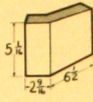
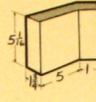
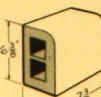
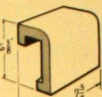
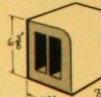
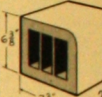
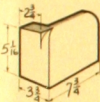
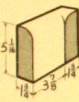
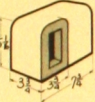
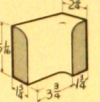
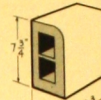
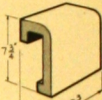
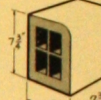
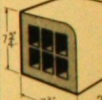
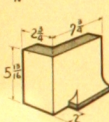
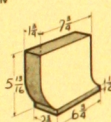
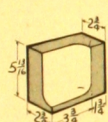
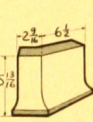
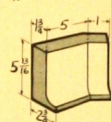
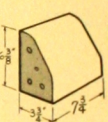
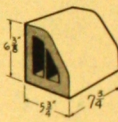
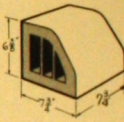
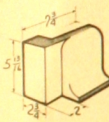
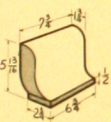
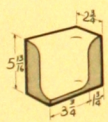
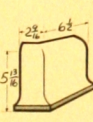
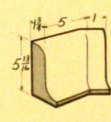
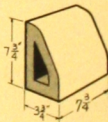
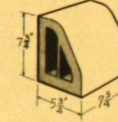
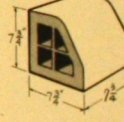
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5 1/2" x 8" FACE ("4D" Series)

		QUOIN (Square) CORNER OR JAMB, and STARTER		SQUARE INTERNAL COVER	COVERED INTERNAL CORNER	OCTAGONAL EXTERNAL CORNER	OCTAGONAL INTERNAL CORNER	SUPPLEMENTAL SILL OR LINTEL STRETCHERS												
		4" RETURN	SOAP (4" RETURN)	4" OR 2" BED				4" BED OR REVEAL	2" BED OR REVEAL	6" BED OR REVEAL	8" BED OR REVEAL									
FIELD	GROUP I							GROUP III												
		4D2 3D2-3 1/2" Length	4D3B	Use regular stretchers or soaps for the field		4D8 also available 45B-2 1/4" high	4D4 also available 45B-2 1/4" high						4D9 also available 45I-2 1/4" high							
BULLNOSE SILL CAP, OR LINTEL	IV	STARTER 		2" REVEAL 	4" REVEAL 	IV	STARTER 	IV		III		II		IV						
	4D23x3R	4D27L	4D24x37B	4D28L	4D208L	4D24R	4D29L	4W20	4W20B	4W30A	4W360	4W380								
COVE BASE	IV			IV		IV		IV		IV		SLOPE SILLS			IV		V		V	
	4D502R	4D57R	4D58R	4D54R	4D59R	4N70			4N760	4N780										
ROUND TOP COVE BASE	V			V		V		V		V		SLOPE SILLS			IV		V		V	
	4D5202R	4D527R	4D528R	4D526R	4D529R	4W70			4W760	4W780										

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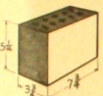
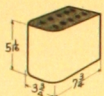
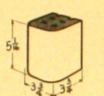
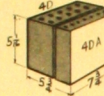
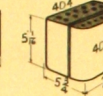
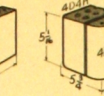
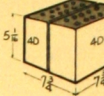
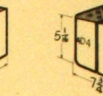
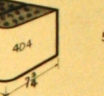
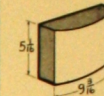
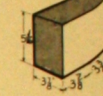
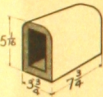
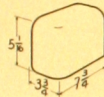
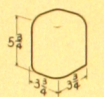
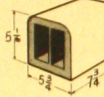
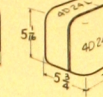
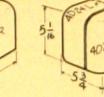
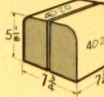
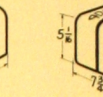
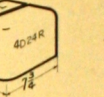
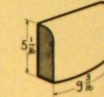
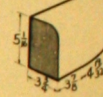
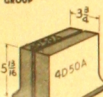
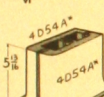
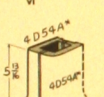
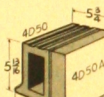
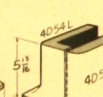
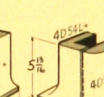
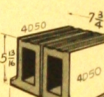
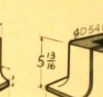
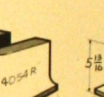
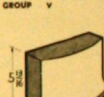
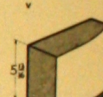
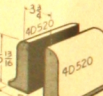
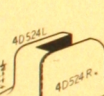
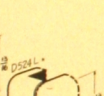
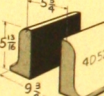
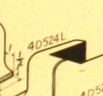
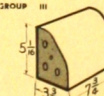
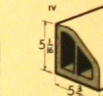
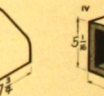
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5" x 8" FACE ("D" Series)

	4" WALL-GLAZED BOTH SIDES			6" WALL-GLAZED BOTH SIDES			8" WALL-GLAZED BOTH SIDES			STANDARD RADIALS	
	STRETCHER	FULL END	HALF END	STRETCHER	FULL END	HALF END	STRETCHER	FULL END	HALF END	STRETCHER	STARTER
FIELD	GROUP Two third  4D0 also available 4SD—2 1/2" high  4D1  2D1			 4D4A  4D4  4D4H			GROUP III  4D4  4D4  2D4			GROUP III  ST90 also available ST90—2 1/2" high  4D91 also available 4D91—2 1/2" high	
				* Means cut on job from a standard unit.						Note: INTERNAL radial shapes are similar in numbering and dimensioning. In ordering by number simply prefix the letter, "I", to the corresponding external shape number. Internal radial shapes are manufactured for a radius of 48 inches, no standard.	
BULLNOSE SILL CAP. OR LIMIT	GROUP III  4D200  4D21  2D21			IV  4D2400  4D24AR  4D24AR*			GROUP VI  4D20  4D24R  2D21			GROUP V  ST920  4D921L	
COVE BASE	GROUP  4D50A  4D54A*  4D54R*			 4D50  4D54L  4D54R*			 4D50  4D54L  4D54R*			GROUP V  ST950  4D951L	
ROUND TOP COVE BASE	 4D520  4D54L  4D54R*			 4D520  4D54L  4D54R*			SLOPE SILLS GROUP III  4D70 IV  4D760 IV  4D780			Note: EXTERNAL radial shapes shown are available for the following standard radii: 12", 18", 24", and 30". INTERNAL radial shapes are available for a 48" radius. In ordering, prefix radius in inches to shape number. (EXAMPLE: 18R90) would be a field stretcher 8" high for an 18" external radius. It is suggested that where radial shapes are desired for radii other than standard, the radii be kept to increments of 6" from standard. (This preserves the standard arc length of 9'-3 1/16".) In non-standard radii, group III shapes will be group VI, and group V shapes will be group X.	

When used with bullnose jambs, use shape 4D204 as a starter

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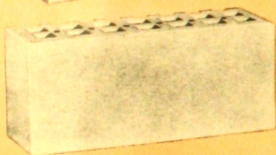
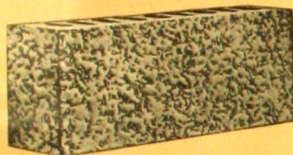
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STARK Glazed and Unglazed

STARK herewith presents a complete line of glazed and unglazed, facing, flooring, insulating and acid resisting products. Stark products have been used with universal satisfaction in all types of construction for over a quarter of a century. No project too large or too small to avail itself of these superior products and the years of experience and service behind them.



GLAZED WARE

Any Stark Glazed product may be specified where either a loadbearing or veneering interior wall is desired; Ceramic and 904 Glazes for exterior usage give excellent service, with low upkeep, when installed in keeping with good construction practice.

Stark Glazes are produced in three types and in modular sizes. Nominal sizes are $5\frac{1}{2}''$, $4''$ or $2\frac{1}{2}''$ heights, $8''$ or $12''$ lengths, $4''$, $2''$, $6''$ or $8''$ bed depths. All are designed for use with $\frac{1}{4}''$ jointing.

CERAMIC GLAZE—The finest type of glazed ware, impervious, opaque, resistant to acids, will not craze and has low absorption. While certain colors are today restricted, a wide range from which to select is available in Field and Trim shades and in smooth or mottled textures.

904 CLEAR GLAZE—Offers most of the advantages of Ceramic Glaze, at the cost of Salt Glaze. Produced in one smooth, lustrous, cream shade, that meets the requirements of most jobs.

SALT GLAZE—The standard glaze for years. Its smooth lustrous, light-reflecting surface is resistant to pencil and crayon marks and easily cleaned. Not recommended for exterior usage.

TESTS—Ceramic and 904 Glaze pass the ASTM autoclave, imperviousness, opacity, chemical resistance and absorption tests. All Stark units meet the loadbearing requirements of Federal, State and Municipal codes. Test data available upon request.

FLASH TILE

A facing tile unit made of plastic, light-burning, de-aired, fire clay. Burned at high temperatures and chemically treated, it has a creamy-gray color with a slight sheen.

The high degree of vitrification, low absorption and chemical treatment makes it very resistant to staining and cleanable with soap and water.

Used by industrial and commercial buildings, schools, hospitals, et cetera, for both exterior and interior walls, where its many points of superiority are desired, coupled with low square foot cost.

Meets all loadbearing requirements of building codes.

Vertical voids in $4''$ and $2''$ bed stretcher units prevent floating in the wall and make for water-tight head joints and ease of cutting.

Available in the same modular sizes as glazed ware and for use with same.

GUARANTEE

The standard guarantee of the Stark Brick Company as shown elsewhere in this brochure and in the catalogue of the Facing Tile Institute, will be given.

SHAPES AND GRADING

Complete list of shapes in $5\frac{1}{2}''$ x $8''$ and $5\frac{1}{2}''$ x $12''$ nominal sizes are found elsewhere in this brochure. All material will conform to the specifications and grading rules of the Facing Tile Institute.

Facing, Flooring and Insulating Products

SANITARY FLOOR BRICK

Stark Floor Brick are made of de-aired plastic fire clay and burned to high temperatures under special conditions, which result in a vitreous monolithic body. The burning process gives a brick with a carbon manganese silica body.

Vertical fibre wire-cut wearing surfaces give maximum anti-skid qualities. This surface, plus hard burning ensures even wear over the whole surface and will not rut or wear in spots.

The absorption is so low that grease, milk, blood, brines and bacteria will not adhere to the wearing surface. Impervious to all types of acid except hydrofluoric.

Highly resistant to thermal shock and molten glass or most metals will not adhere to them or break them down.

Produced in the following types:

DAIRY—Full glazed units selected for a rich blend of maroon shades.

PACKER—Blue bodied semi-glazed units having a maximum of non-skid qualities in maroon to brown shades.

ACID—Blue bodied units with medium glaze, resistant to all acids (except hydrofluoric). Maroon and brown shades without color selection.

Available in $3\frac{3}{4}''$ x $8''$ face size with bed depths of $1\frac{3}{4}''$ in Standard, $2\frac{1}{4}''$ in Heavy Duty and $1\frac{3}{4}''$ plus $\frac{1}{4}''$ lugs in Ramp size.

INSULATING REFRACTORY BRICK

Primarily designed for heavy duty in direct exposure up to 2000° F. for the SF20 and up to 2300° F. for the SF23, and are adaptable to practically any type of exposed service.

May be used advantageously as insulating back-up to Super and High Heat Duty Refractories in furnaces having working temperatures in excess of 2300° F.

These units are ground to size upon all six surfaces, have very low thermal conductivity and have as great structural and mechanical strength as is consistent with their high insulating values.

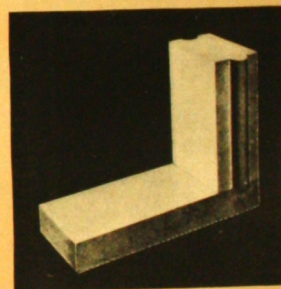
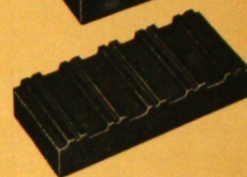
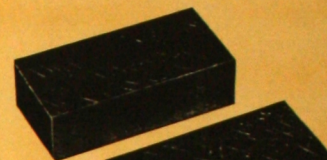
Available in standard refractory sizes and shapes.

ACID PROOF PRODUCTS

Stark acid proof products, used mainly in tank linings and floors, are designed to construct circular, rectangular and cone shaped tanks. Ceramic acid block construction has increased considerably since the introduction of accelerated acid cements.

Stark acid resisting products are made solid with wire-cut bed surfaces, to give better bond, and are furnished for either a $1\frac{3}{4}''$ or $3''$ thick wall or lining. Material is available in either $5''$ x $8''$ or $5''$ x $12''$ face sizes, except that all tongue and grooved units are $3''$ thick with $5''$ x $8''$ faces. Arches, Wedges and other fittings are available.

Furnished either unglazed or glazed with a heavy acid-proof glaze upon the surfaces contacting the acids. These materials when properly laid, with the proper type of cement and construction design, should give universal satisfaction in any type of acid resistant work.



These reproductions are indicative of the many textures available in Stark Products.

THE STARK BRICK COMPANY

CANTON, OHIO

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5 1/2" x 12" FACE ("6T" Series)

STRETCHER.

4" BED OR REVEAL

2" BED OR REVEAL

6" BED OR REVEAL

8" BED OR REVEAL

BULLNOSE JAMB OR STARTER

4" RETURN OR SOAP (4" RETURN)

SOAP (2" RETURN)

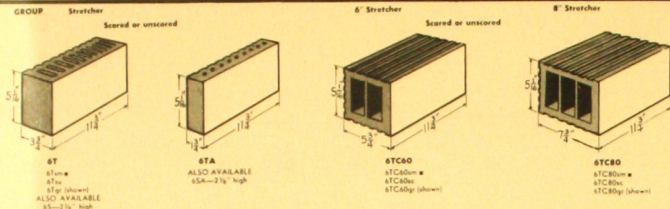
BULLNOSE CORNER

4" RETURN

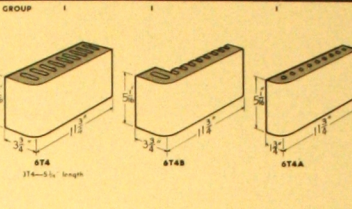
SOAP (4" RETURN)

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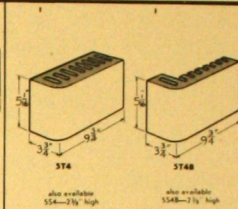
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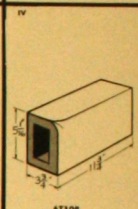
Shipments may be facilitated by simply ordering stretchers (Example 6T) thereby permitting the manufacturer to ship either the scored or smooth back stretchers or a mixture. If job conditions require that the back be of a certain type, they may be obtained by ordering the following: sm - unselected glassed back; to - unselected, unsmoothed, unglazed back; gr - scored or grooved back. Type and direction of SCORING and CORING are optional with the manufacturer. In general, the manufacturer standardizes on either the horizontal or vertical coring and does not supply both.



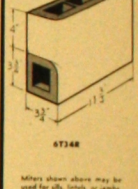
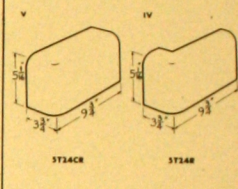
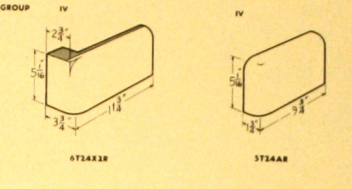
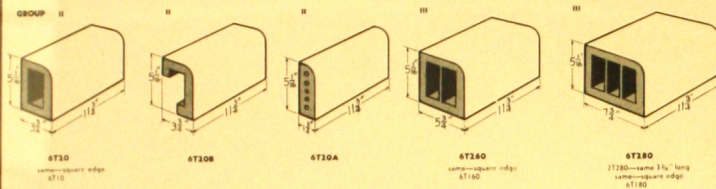
An extra charge is made for cutting lengths or heights other than those shown or listed. A power driven saw should be used for all cutting on the job.



Note: Nominal dimensions are usually given for returns, reveals, lengths, etc. — 2" is actually 1 1/2", 4" is actually 3 1/2", 6" is actually 5 1/2", 8" is actually 7 1/2", 10" is actually 9 1/2", 12" is actually 11 1/2". However, all dimensions shown on shop drawings are actual.

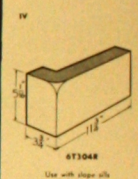
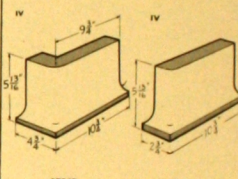
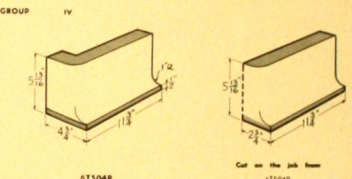
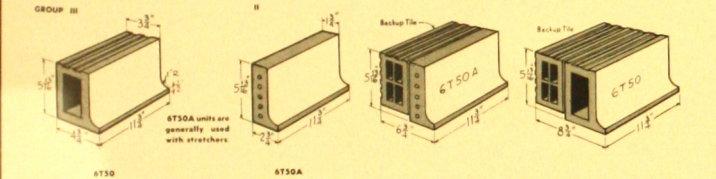


BULLNOSE
SILL CAP OR LINTEL

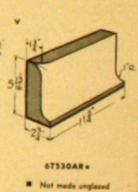
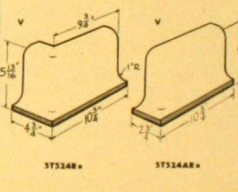
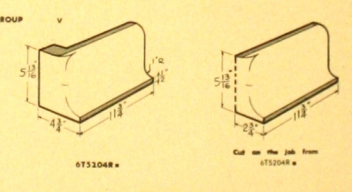
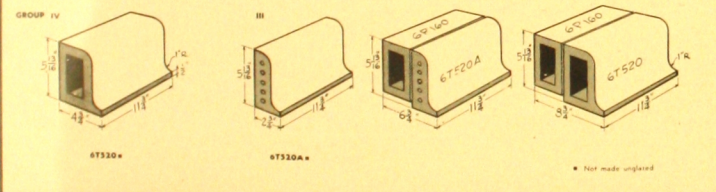


Letters shown above may be used for sill, lintel, or jamb. These letters may be obtained in sizes with 3/4" when by adding the suffix "B" to the shape number.

COVE BASE



ROUND TOP COVE BASE



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5 1/2" x 12" FACE ("6T" Series)

	QUOIN(Square) JAMBOR STARTER	SQUARE	COVED	OCTAGONAL	OCTAGONAL	SUPPLEMENTAL SILL OR LINTEL STRETCHERS				
	4" RETURN OR SOAP (4" RETURN)	INTERNAL CORNER	INTERNAL CORNER	EXTERNAL CORNER	INTERNAL CORNER	4" BED OR REVEAL	2" BED OR REVEAL	6" BED OR REVEAL	8" BED OR REVEAL	
FIELD	GROUP I 6T2 17 1/2" - 2 1/4" length 6T3 Use regular stretchers or soaps for the field		I 6T8 also available 658-2 1/4" high	I 6T6 also available 658-2 1/4" high	I 6T9 also available 658-2 1/4" high	GROUP III 6N20 6N20B 6N20A 6N260 6N280				
BULLNOSE SILL CAP OR LINTEL	GROUP IV 6T33X38	V 6T34X37R 6T37L	IV 6T28L 6T208L	IV 6T26R 6T29L		GROUP III 6W20 6W20B 6W20A 6W260 6W280				
COVE BASE	GROUP IV 6T302R	IV 6T37R	IV 6T38L	IV 6T36R 6T39L		SLOPE SILLS				
						GROUP IV 6N70 6N760 6N780				
BOUND TOP COVE BASE	GROUP V 6T302R*	V 6T37R*	V 6T38L*	V 6T36R* 6T39L*		SLOPE SILLS				
						GROUP IV 6W70 6W760 6W780				

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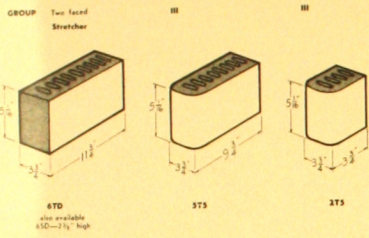
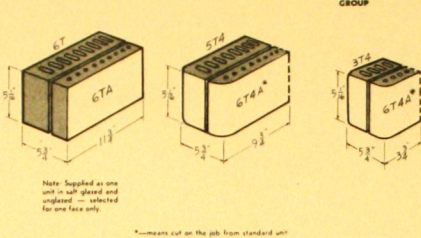
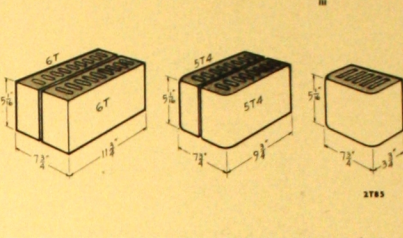
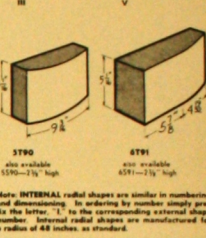
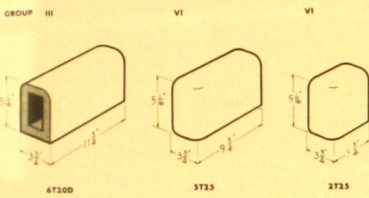
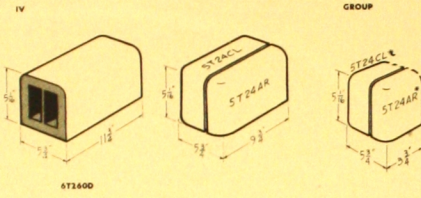
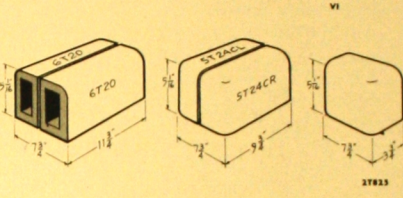
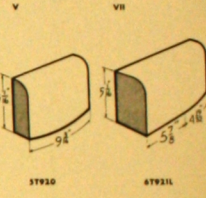
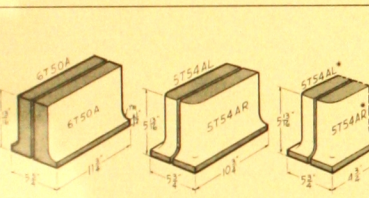
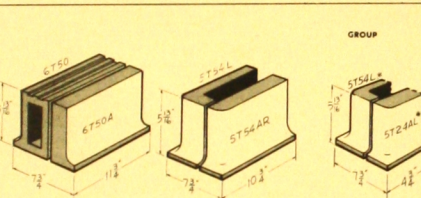
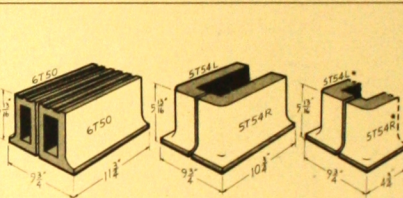
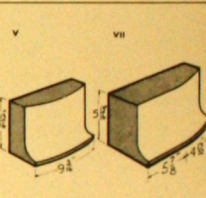
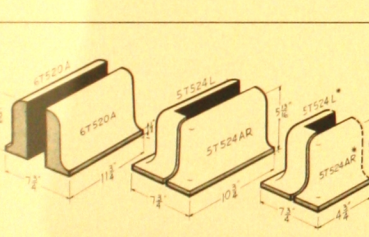
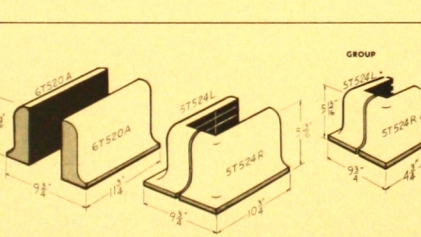
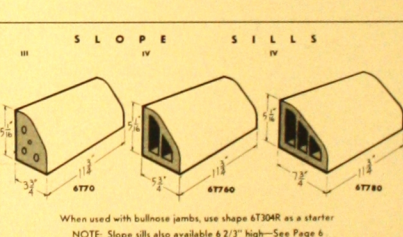
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5 1/2" x 12" FACE ("6T" Series)

	4" WALL-GLAZED BOTH SIDES			6" WALL-GLAZED BOTH SIDES			8" WALL-GLAZED BOTH SIDES			STANDARD RADIALS	
	STRETCHER	FULL END	HALF END	STRETCHER	FULL END	HALF END	STRETCHER	FULL END	HALF END	STRETCHER	STARTER
FIELD	GROUP III III  6T also available 6T50—2 1/2" high 6T4 also available 6T4A—2 1/2" high			GROUP  Note: Supplied as one unit in self-glazed and unglazed — selected for one face only. *—means cut on the job from standard unit			III  6T also available 6T50—2 1/2" high 6T4 also available 6T4A—2 1/2" high			III V  Note: INTERNAL radial shapes are similar in numbering and dimensioning. In ordering by number simply prefix the letter "I" to the corresponding external shape number. Internal radial shapes are manufactured for a radius of 48 inches, as standard.	
BULLNOSE SILL CAP OR LINTEL	GROUP III VI VI  6T300 6T325 6T325			GROUP  6T300 6T325 6T325			VI  6T300 6T325 6T325			V VII  ST930 ST931L	
COVE BASE	 6T50A 6T54AL 6T54AR			 6T50A 6T54AL 6T54AR			 6T50A 6T54AL 6T54AR			V VII  ST950 ST951L	
ROUND TOP COVE BASE	 6T520A 6T524L 6T524R			 6T520A 6T524L 6T524R			III IV IV  6T520A 6T524L 6T524R			Note: EXTERNAL radial shapes shown are available for the following standard radii: 12" and 24" INTERNAL radial shapes are available for a 48" radius. In ordering, prefix radius in inches to shape number [EXAMPLE: 24-ST950] would be a field stretcher for a 24" external radius. It is suggested that where radial shapes are desired for radii other than standard, the radii be kept to increments of 12" from standard. [This preserves the standard arc length of 9 3/16"] In non-standard radii, group III shapes will be group VI, group V shapes will be group X, and group VII shapes will be group XII.	

When used with bullnose jambs, use shape 6T304R as a starter

NOTE: Slope sills also available 6 2/3" High—See Page 6

Slope sills also available 7 3/4" High—See Page 6

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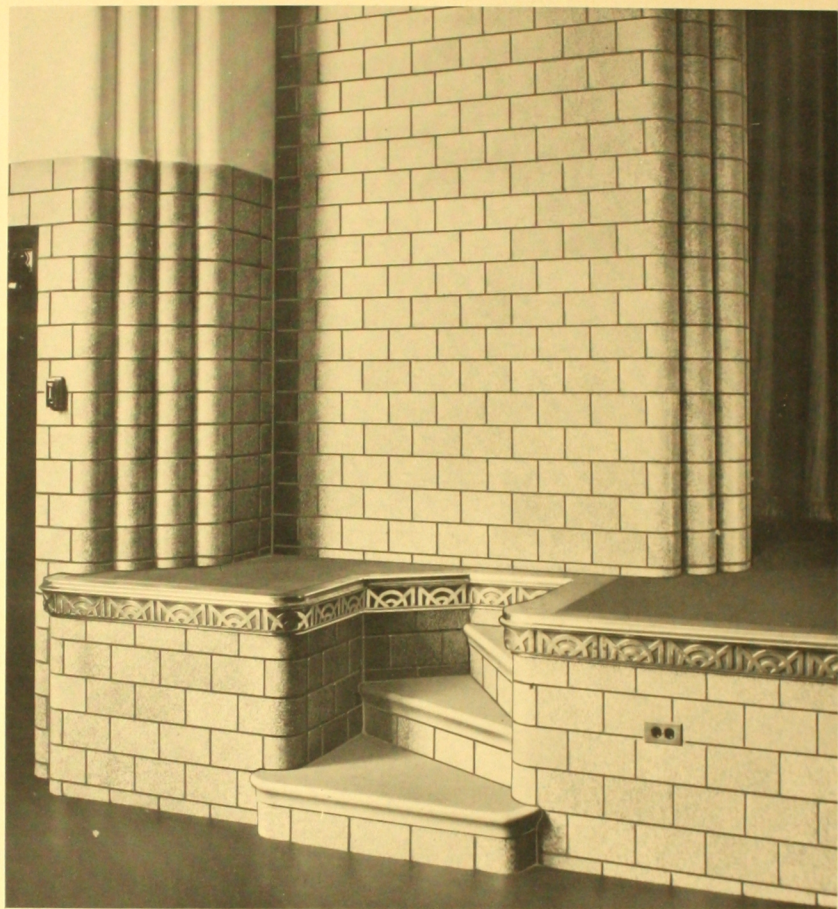
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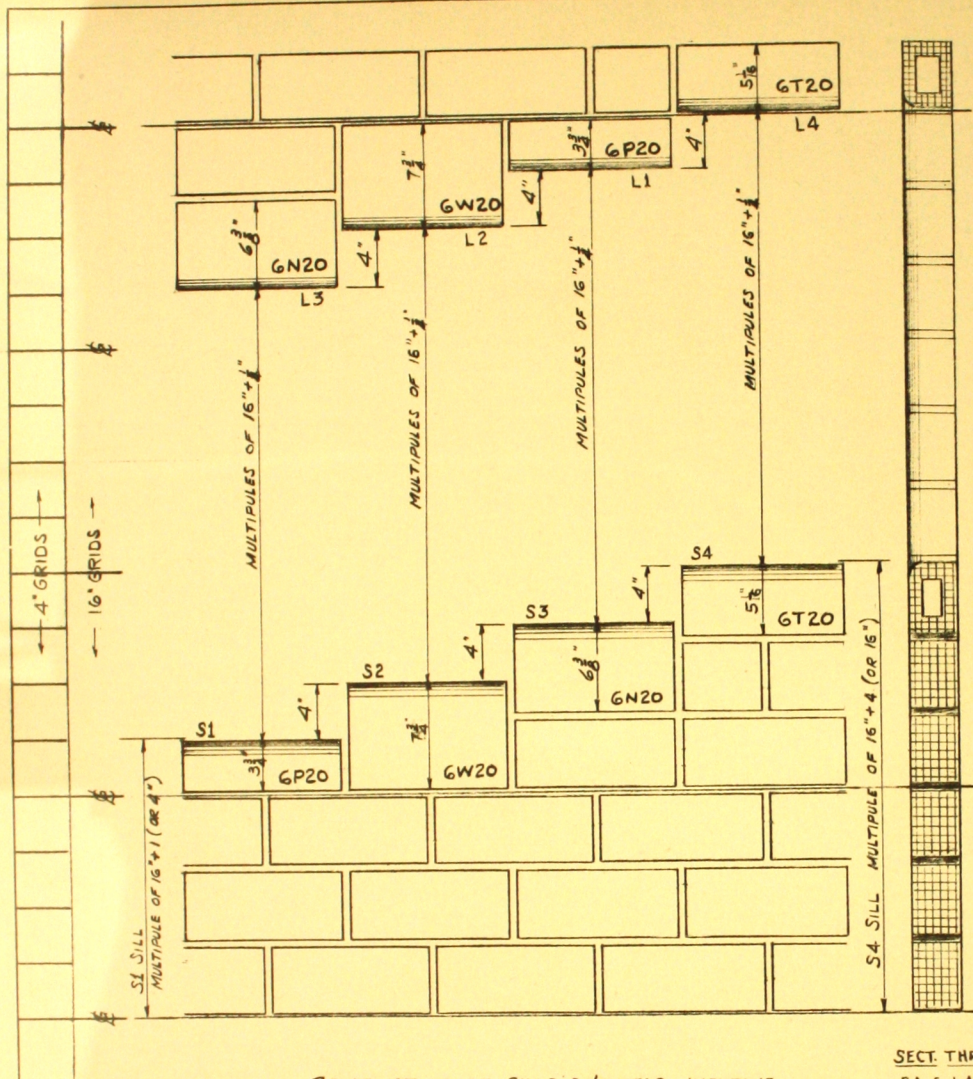
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COMBINATION OF SILLS & LINTELS INSURING

4" FLEXIBILITY IN HEIGHT

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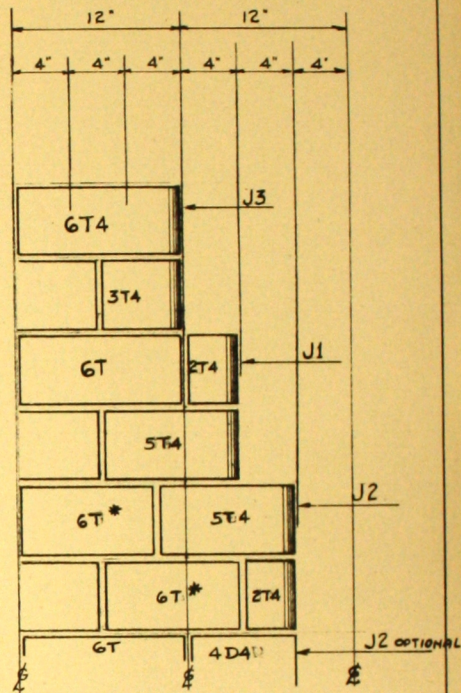
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DRAWN FOR STARK BRICK CO.

CANTON - OHIO

J1 JAMB MULTIPLE OF $12" + \frac{1}{2}$ (OR 4")
 J2 JAMB " " $12" + 2$ (OR 8")
 J3 JAMB " " $12" + 3$ (OR 12")



ELEVATION OF JAMBES

J1 - J2 - J3

SHOWING VERTICAL GRID ONLY

§ = MAJOR GRID LINE

MODULAR PLANNING - KEY DETAILS

$5\frac{1}{2} \times 12$ SERIES (3 COURSES IN 16")

THE STARK ENGINEERING CO. - CANTON, OHIO

Drawn ZACARY Date 2/14/51

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Order No.

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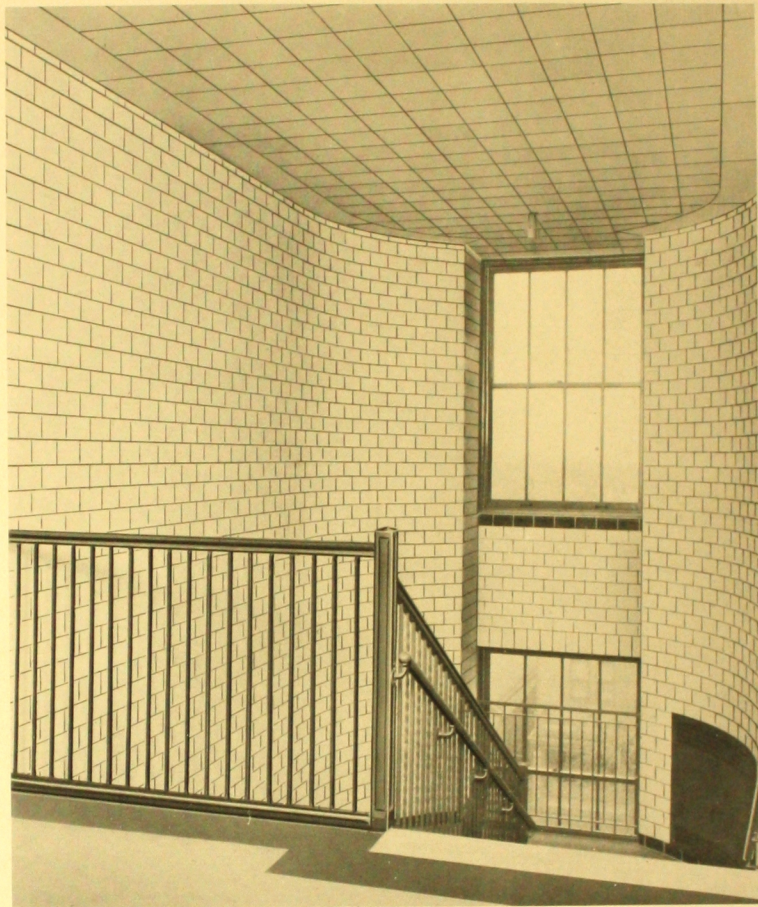
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An example
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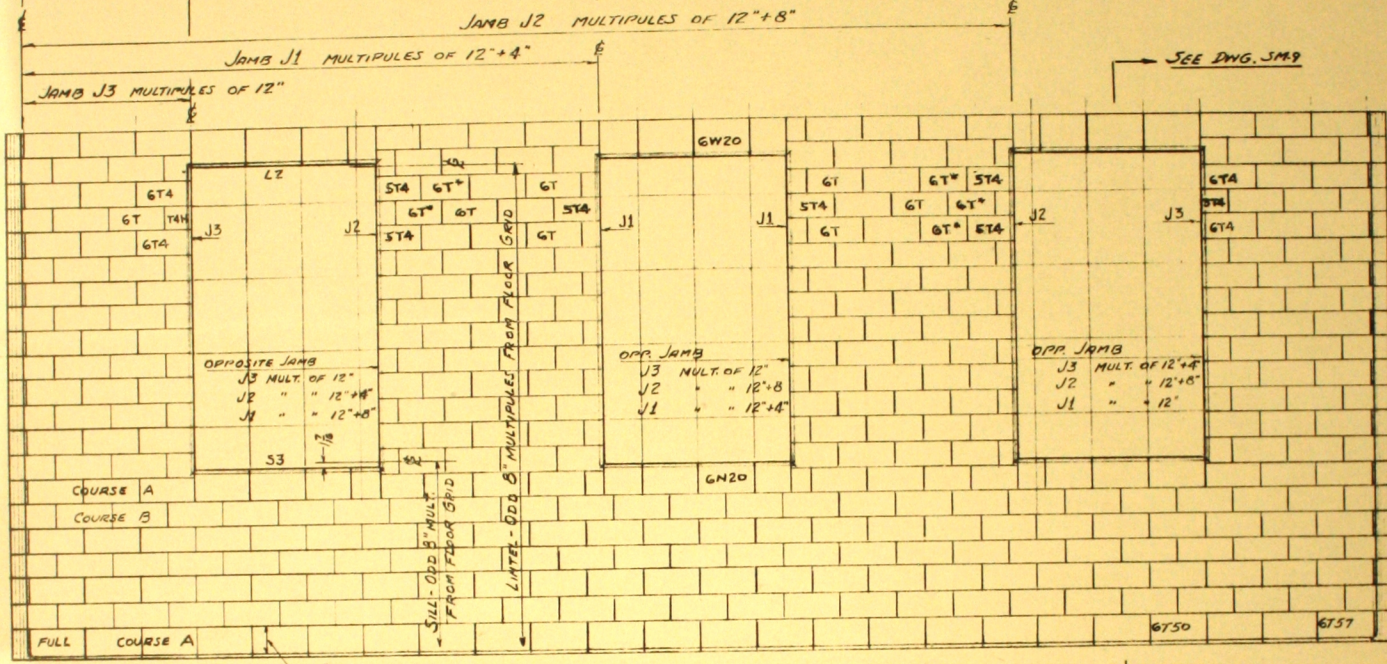
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4" GRIDS
12" GRIDS

SILL AND LINTEL - ODD 8"
MULTIPLES FROM FLOOR GRID.



ELEVATION SHOWING ALL JAMB CONDITIONS
SILLS AND LINTELS AS NOTED
BASE COURSE "A" *

*
NOTE -
COURSE "A" - VERTICAL JOINTS CENTERED
ON GRID LINES.
COURSE "B" - VERTICAL JOINTS CENTERED
BETWEEN GRID LINES.

ACTUAL MASONRY OPENINGS 40 1/4" x 65 1/16"

ARCHITECTURAL PROJECTED

MODULAR PLANNING

5 1/8" x 12" SERIES (3 COURSES IN 16")

THE STARK ENGINEERING CO. - CANTON, OHIO

Drawn ZACARY Date 11-4-45 Order No. _____

Chkd. WHD Date 11-20-46

Aprd. _____ Date _____ Dwg. No. SM-3

DRAWN FOR STARK BRICK CO.
CANTON - OHIO

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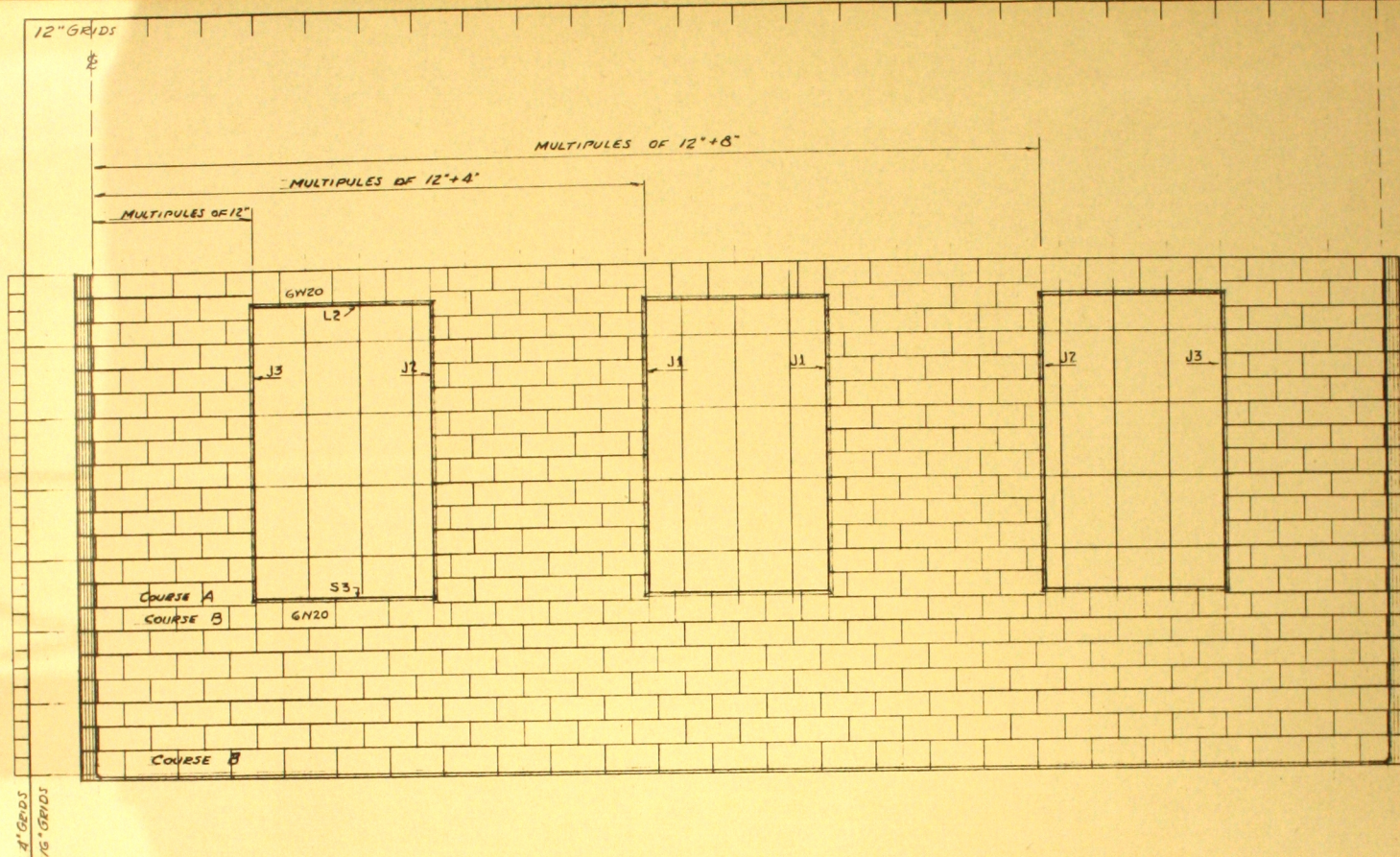
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ELEVATION AS SHOWN ON DWG. NO. SM3
EXCEPT ALTERNATE COURSING
BASE COURSE "B"

DRAWN FOR STARK BRICK Co.
CANTON OHIO

<u>MODULAR PLANNING</u>	
<u>5 1/3 x 12 SERIES (3 COURSES IN 16")</u>	
<u>THE STARK ENGINEERING CO. - CANTON, OHIO</u>	
Drawn <u>246RDP</u> Date <u>11-4-45</u>	Order No. _____
Chkd. <u>WHD</u> Date <u>11-20-45</u>	Dwg. No. <u>SM-4</u>
Aprvd. _____ Date _____	

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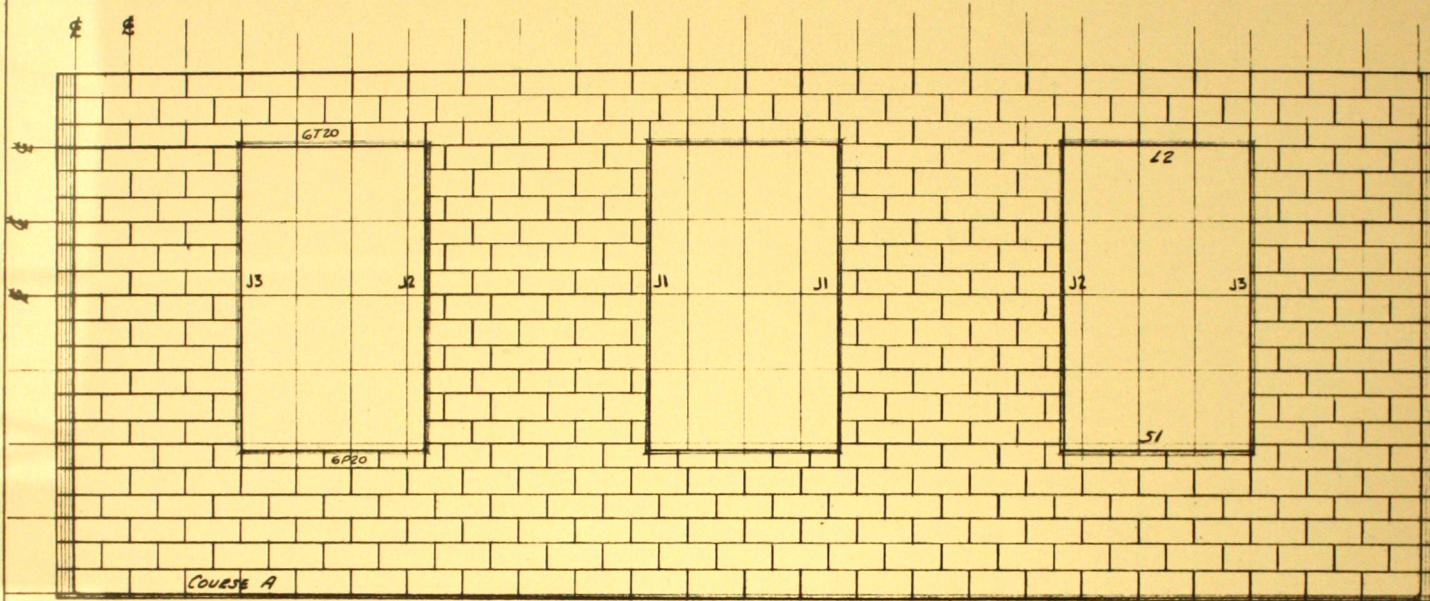
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SILL AND LINTEL - EVEN 8"
MULTIPLES FROM FLOOR GRID



ELEVATION SHOWING ALL JAMB CONDITIONS
SILL S3 AND LINTEL L2
BASE - COURSE A

ARCHITECTURAL PROJECT 80

MODULAR PLANNING	
5 1/2 x 12 SERIES (3 COURSES IN 16")	
THE STARK ENGINEERING CO. - CANTON, OHIO	
Drawn. <u>AM</u>	Date <u>11-5-91</u>
Chkd. <u>HZ</u>	Date <u>11-8-91</u>
Aprvd. <u>[Signature]</u>	Date <u>[Signature]</u>
Order No. _____	Dwg. No. <u>SM-5</u>

DRAWN FOR STARK BRICK CO.
CANTON - OHIO

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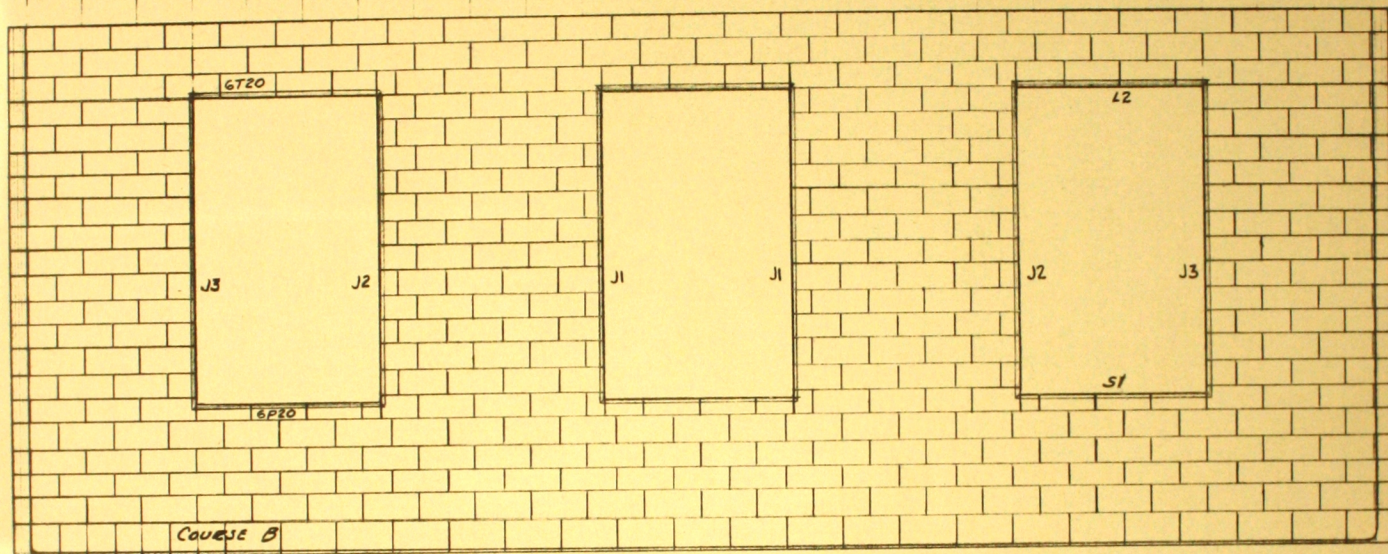
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ELEVATION AS SHOWN ON DWG. SM-6
EXCEPT ALTERNATE COURSING
BASE - COURSE B

DRAWN FOR STARK BRICK CO.
CANTON - OHIO

MODULAR PLANNING			
5 1/2 x 12 SERIES (3 COURSES IN 16")			
THE STARK ENGINEERING CO. - CANTON, OHIO			
Drwn. <u>FM.</u>	Date <u>11-8-95</u>	Order No. _____	
Chkd. <u>MZ.</u>	Date <u>11-9-95</u>	Dwg. No. <u>SM-6</u>	
Aprvd. <u> </u>	Date <u> </u>		

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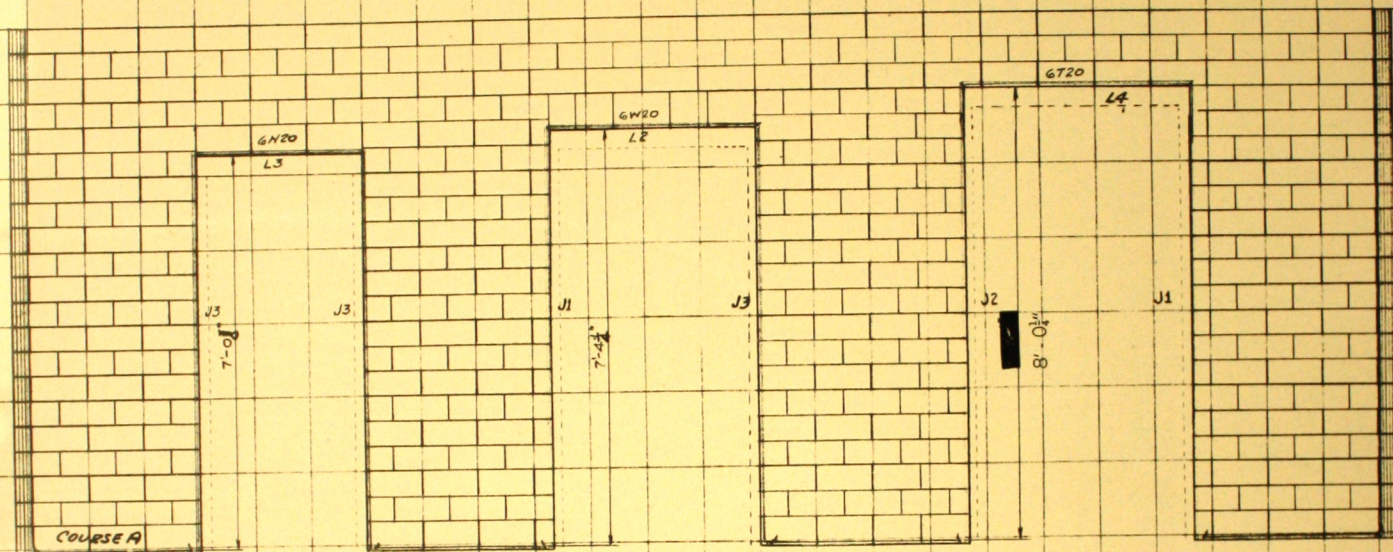
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LINTEL SCHEDULE				
6'-8" OPENING	LINTEL	L4	UNIT	5 1/8" H.
7'-0" "	"	"	L3	" 6 3/8" H.
7'-4" "	"	"	L2	" 7 3/4" H.
8'-0" "	"	"	L4	" 5 1/8" H.
10'-0" "	"	"	L2	" 7 3/4" H.



OPENING 3'-0" x 7'-0" DOOR

OPENING 3'-8" x 7'-4" DOOR

OPENING 4'-0" x 8'-0" DOOR

ELEVATION SHOWING THREE STANDARD DOOR OPENINGS

BASE - COURSE A

MODULAR PLANNING

5 1/2 x 12 SERIES (3 COURSES IN 16")

THE STARK ENGINEERING CO. - CANTON, OHIO

Drwn. ZAGREY Date 11-5-45

Chkd. BWC Date 11-18-45

Aprvd. Date

Order No.

Dwg. No. SM-7

DRAWN FOR STARK BRICK CO.

CANTON - OHIO

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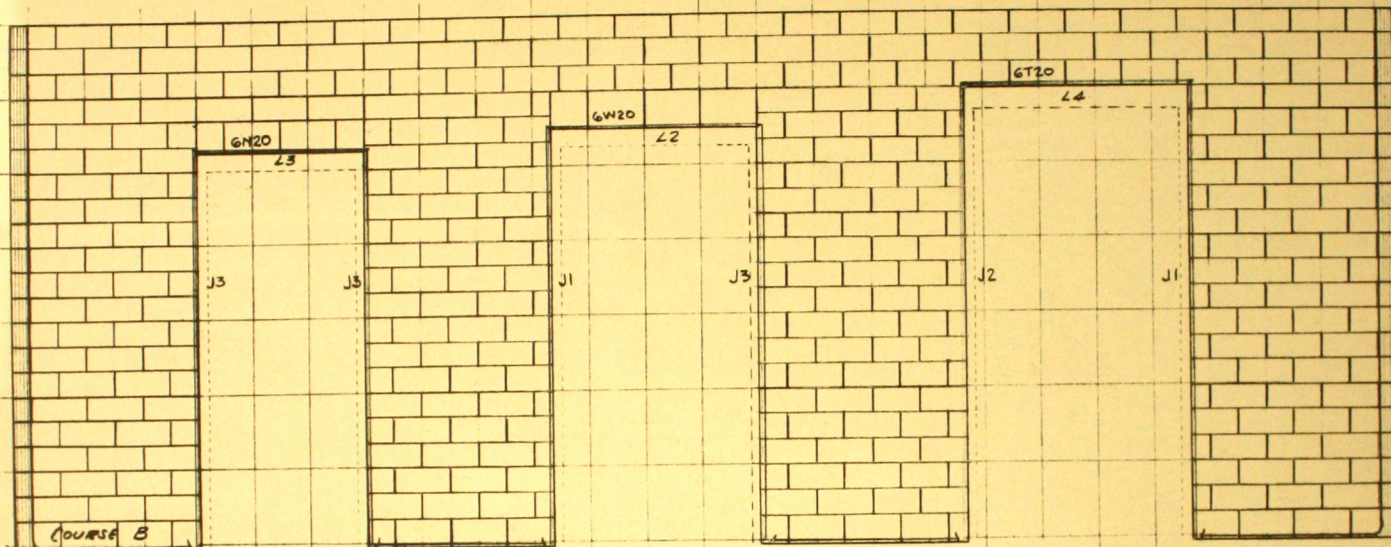
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ELEVATION AS SHOWN ON DWG. SM-7
EXCEPT ALTERNATE COURSING
BASE - COURSE 13

DRAWN FOR STARK BRICK Co.
CANTON - OHIO

MODULAR PLANNING	
5 1/2 x 12 SERIES (3 COURSES IN 16")	
THE STARK ENGINEERING CO. - CANTON, OHIO	
Drwn. <u>EW.</u> Date <u>11-7-45</u>	Order No. _____
Chkd. <u>KZ.</u> Date <u>11-8-45</u>	Dwg. No. <u>SM-8</u>
Aprvd. _____ Date _____	

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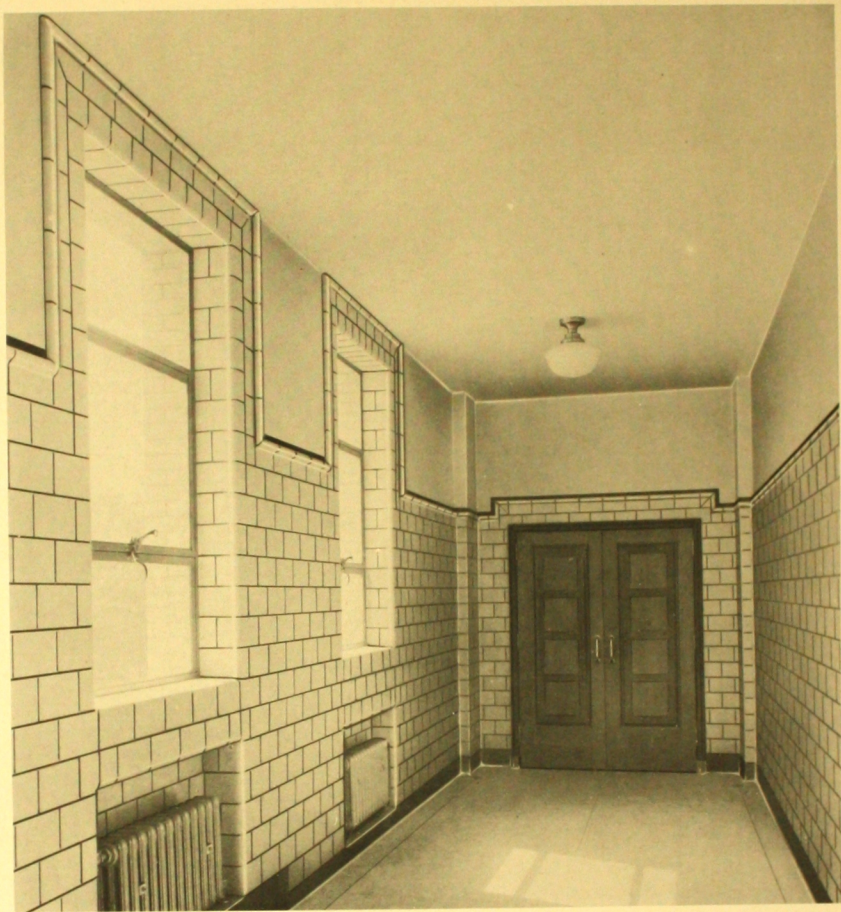
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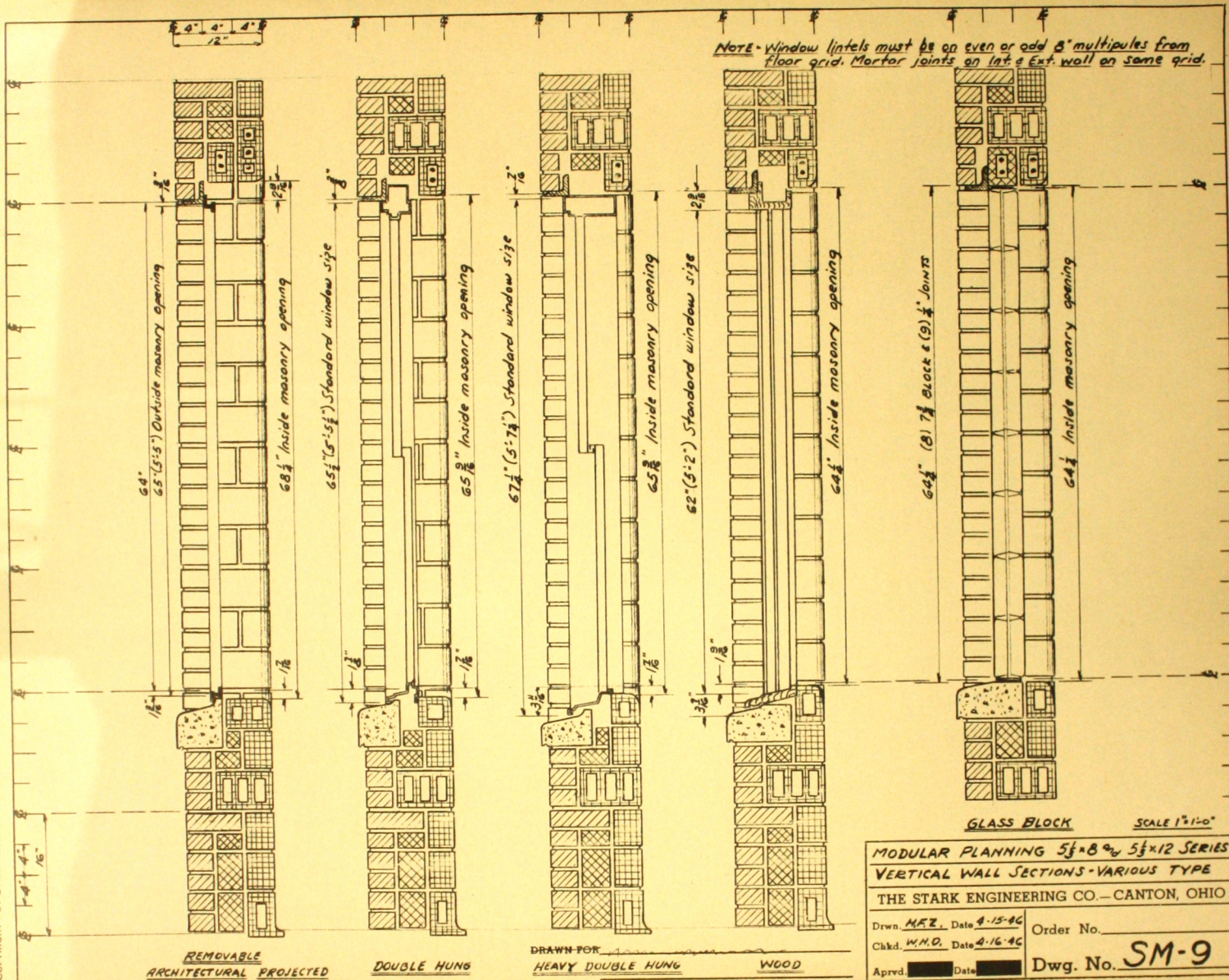
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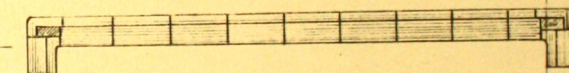
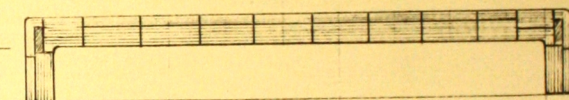
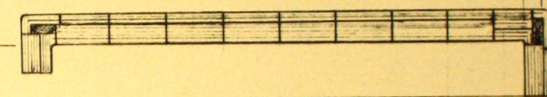
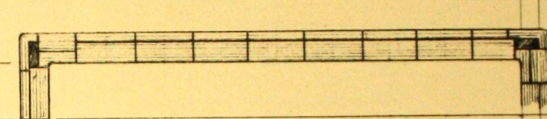
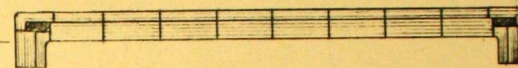
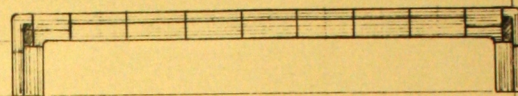
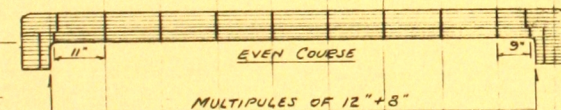
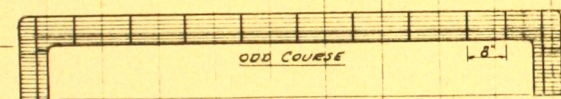
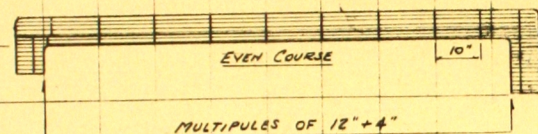
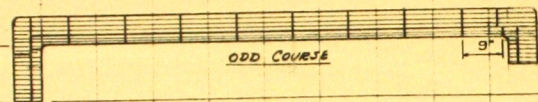
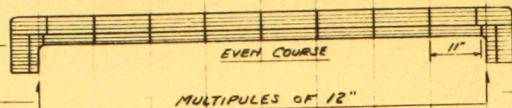
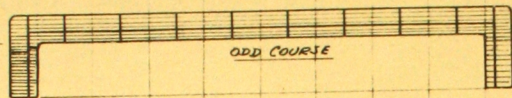
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2" TR. UNITS OUTSIDE

2" TR. UNITS INSIDE

ALL EXTERNAL CORN.
UNITS 8" LONG.

MODULAR PLANNING $5\frac{1}{2} \times 12$ SERIES

6" TWO FACED WALLS - COVED CORNERS

THE STARK ENGINEERING CO. - CANTON, OHIO

Drawn H.Z. Date 12-1-94 Order No. _____

Chkd. WHD Date _____

Aprvd. _____ Date _____ Dwg. No. SM-10

NOTE - ALL DIMENSIONS NOMINAL

DRAWN FOR STARK BRICK CO.

CANTON, OHIO

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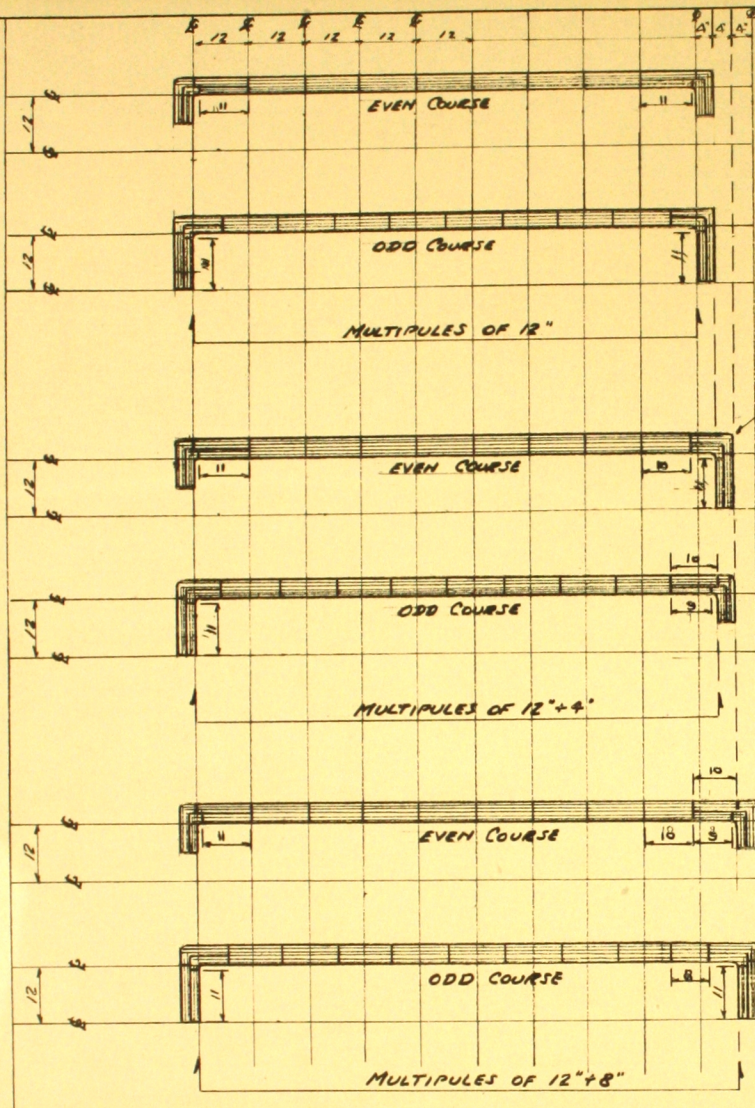
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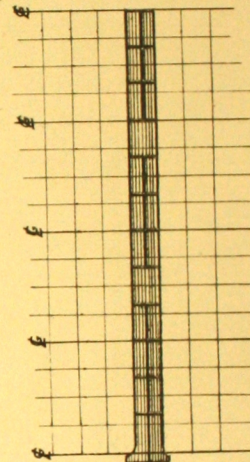
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ALL EXTERNAL CORNER
UNITS 10" LONG



RECOMMENDED CONSTRUCTION
FOR 4" TWO FACED WALL

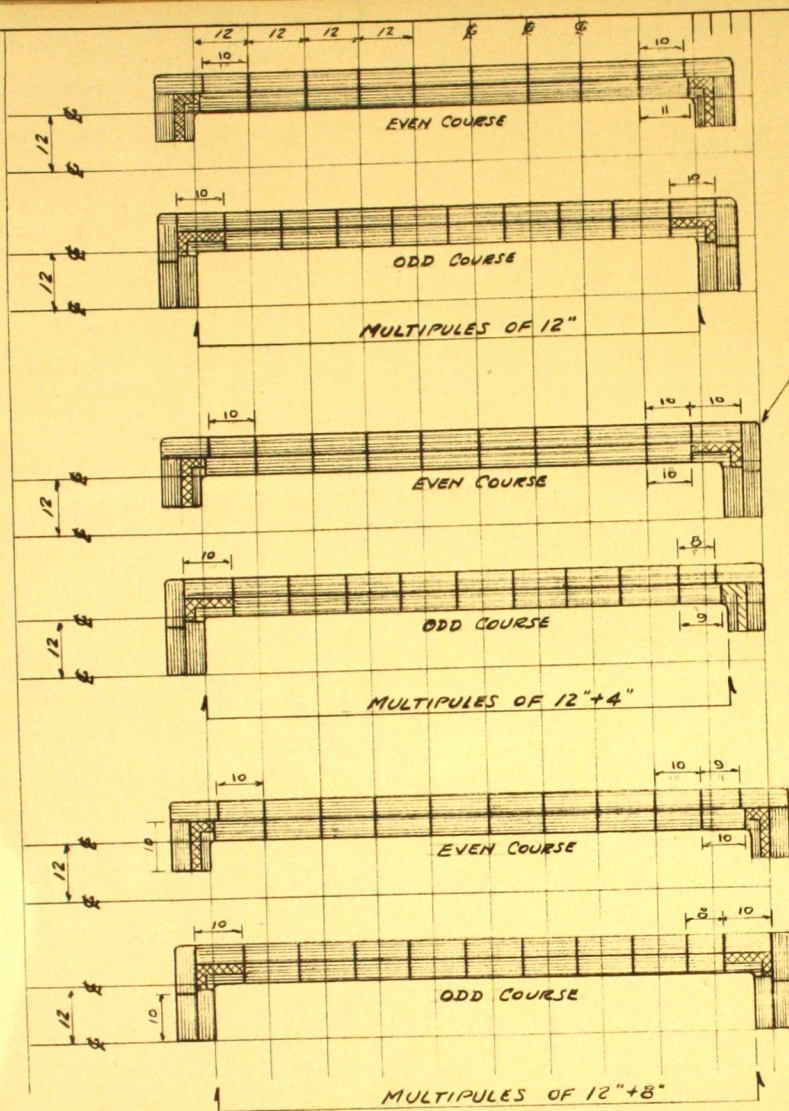
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NOTE: ALL DIMENSIONS NOMINAL

DRAWN FOR STARK BRICK Co
CANTON - OHIO

MODULAR PLANNING - 5 1/2" x 12" SERIES	
4" TWO FACED WALL - COVERED CORNERS	
THE STARK ENGINEERING CO. - CANTON, OHIO	
Drawn <u>M.E.</u> Date <u>3-30-46</u>	Order No. _____
Chkd. <u>W.M.D.</u> Date _____	Dwg. No. <u>SM-11</u>
Agred. _____ Date _____	

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NOTE: ALL DIMENSIONS NOMINAL

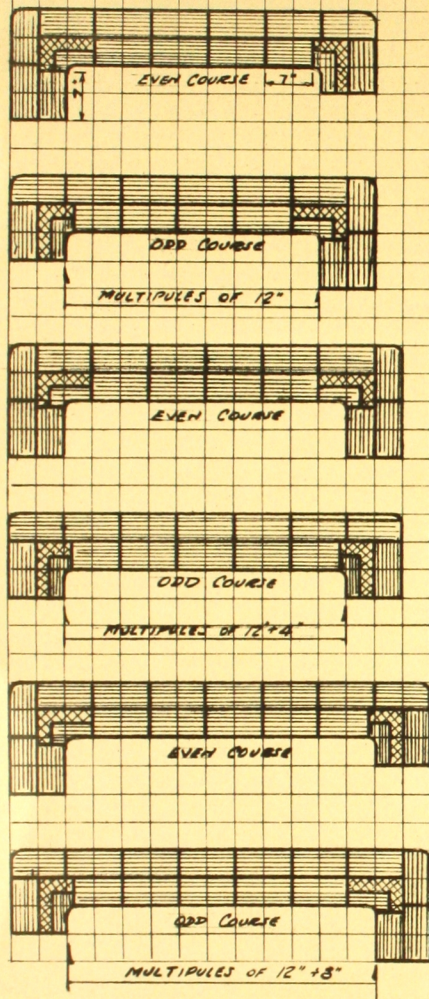
DRAWN FOR STARK BRICK Co.
CANTON - OHIO

MODULAR PLANNING - 5 1/2" x 12" SERIES	
8" TWO FACED WALL - COVERED CORNERS	
THE STARK ENGINEERING CO. - CANTON, OHIO	
Drawn <u>H.Z.</u> Date <u>3-31-46</u>	Order No. _____
Chkd. <u>R.W.</u> Date <u>4-1-46</u>	Dwg. No. <u>SM-12</u>
Aprvd. _____ Date _____	

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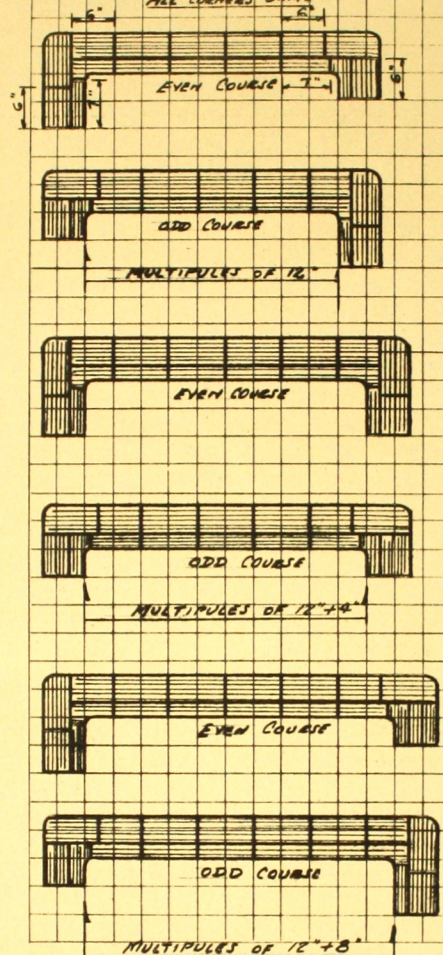
8" TWO FACED WALL

ALL CORNERS SAME



6" TWO FACED WALL

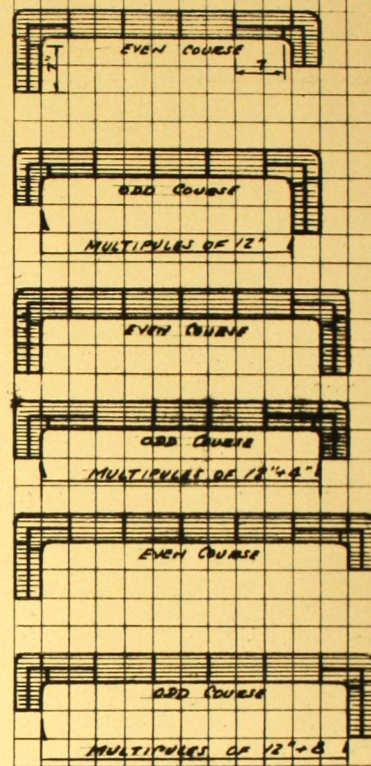
ALL CORNERS SAME



ALTERNATING OF 4" AND 2" UNITS ON EACH COURSE 6" WALL RECOMMENDED

4" TWO FACED WALL

ALL CORNERS SAME



SEE DWG. SM-1 FOR RECOMMENDED 4" TWO FACED WALL CONSTRUCTION.

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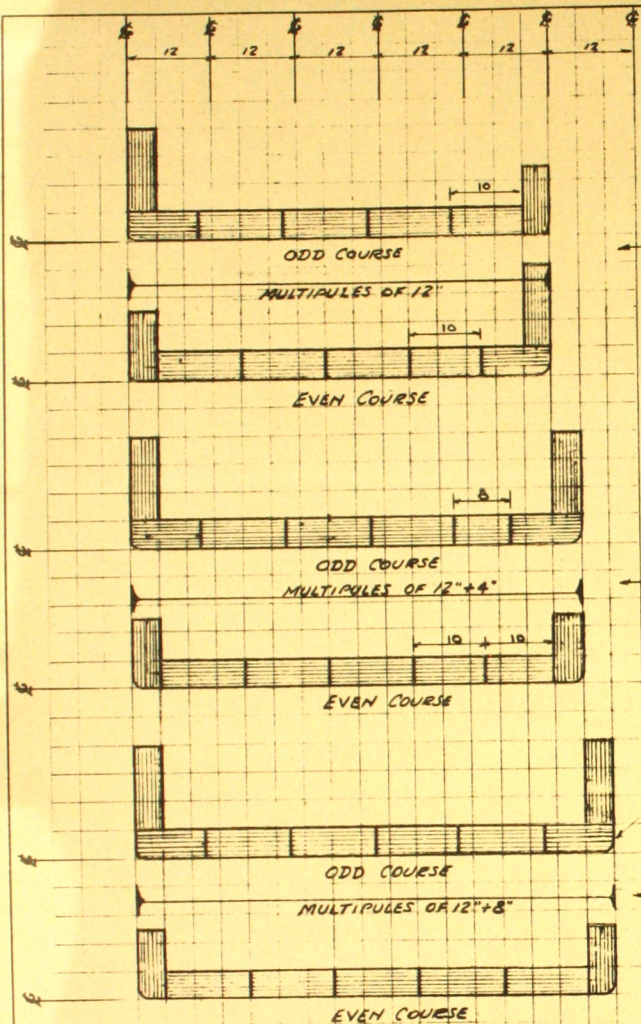
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24"-36"-48"-60"-72" ETC.
PILASTER

28"-40"-52"-64"-76" ETC
PILASTER

ALL CORNER UNITS
10" LONG

32"-44"-56"-68"-80" ETC
PILASTER

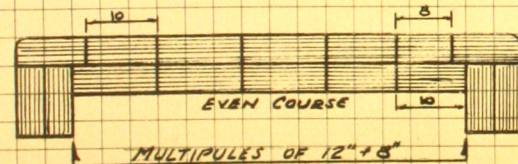
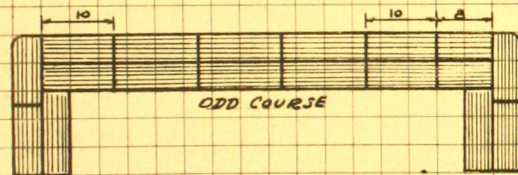
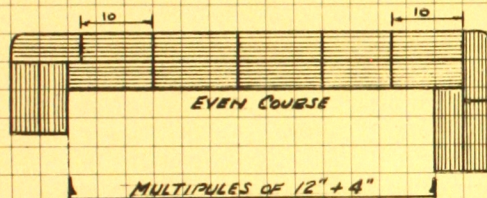
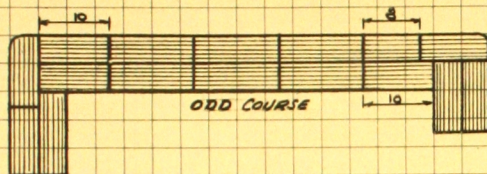
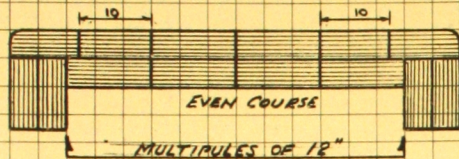
NOTE: ALL DIMENSIONS NOMINAL

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MODULAR PLANNING - 5 $\frac{1}{2}$ " x 12" SERIES	
4" WALL OR PILASTER - EXTERNAL	
THE STARK ENGINEERING CO. - CANTON, OHIO	
Drawn <u>H.Z.</u> Date <u>9-1-90</u>	Order No. _____
Chkd. <u>W.D.</u> Date <u>9-1-90</u>	Dwg. No. <u>SM-14</u>
Apprd. _____ Date _____	

DRAWN FOR STARK BRICK CO.
CANTON, OHIO

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ALL CORNER UNITS
10" LONG

NOTE: ALL DIMENSIONS NOMINAL

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MODULAR PLANNING - 5 1/2 x 12 SERIES

8" TWO FACED WALLS

THE STARK ENGINEERING CO. - CANTON, OHIO

Dwn. N.F.2 Date 4-2-46

Chkd. M.H.D. Date 4-5-46

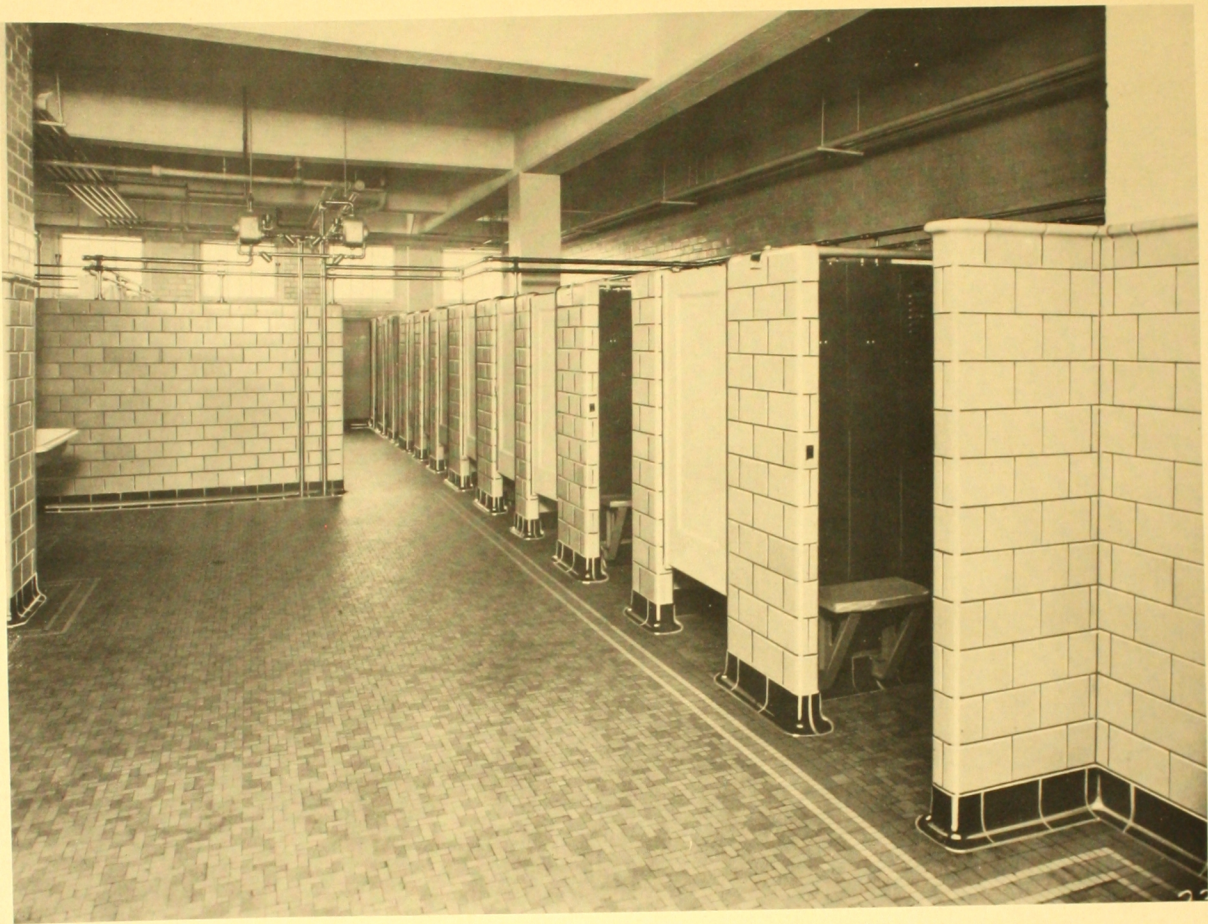
Aprd. Date

Order No.

Dwg. No. SM-16

FOR STARK BRICK Co.
CANTON - OHIO

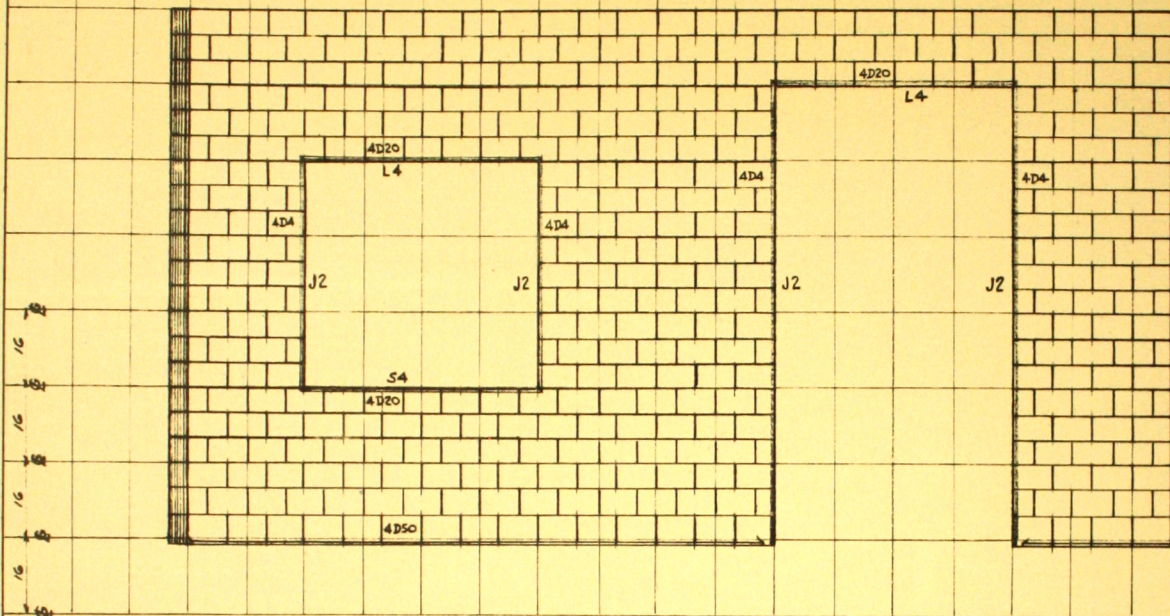
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SILL AND LINTEL - EVEN 8"
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ELEVATION SHOWING JAMB - LINTEL & SILL

WINDOW OPENING SUITABLE FOR GLASS
BLOCK OR COMM. STEEL SASH.

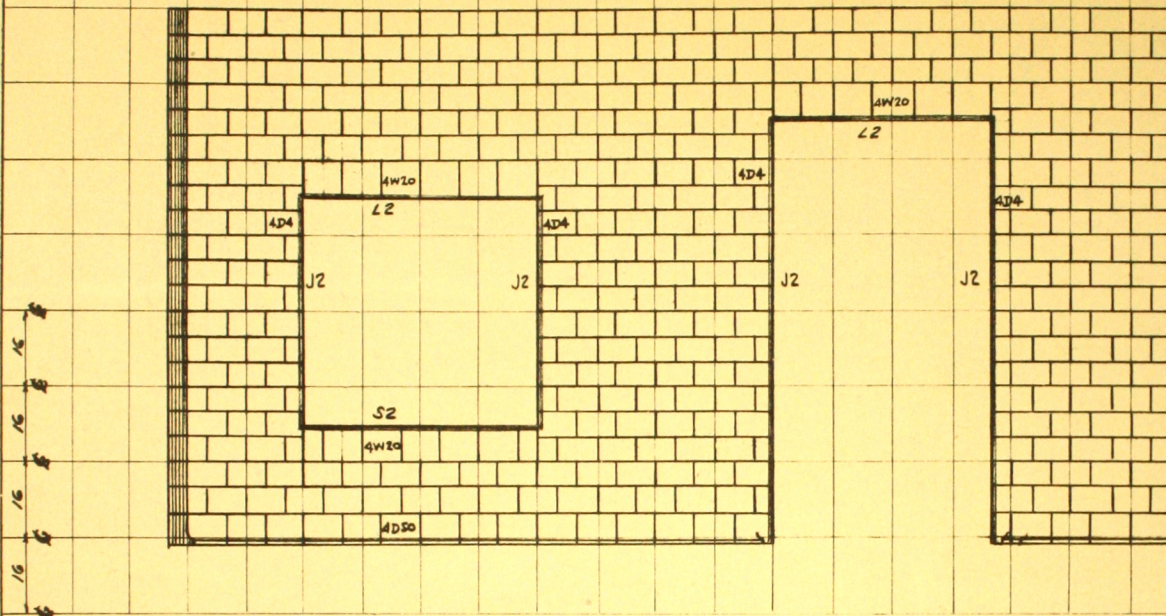
DRAWN FOR STARK BRICK Co
CANTON - OHIO

MODULAR PLANNING	
5 1/3 x 8 SERIES (3 COURSES IN 16")	
THE STARK ENGINEERING CO. - CANTON, OHIO	
Drawn <u>ZACK</u> Date <u>8-20-46</u>	Order No. _____
Chkd. " " Date " "	Dwg. No. <u>SM-17</u>
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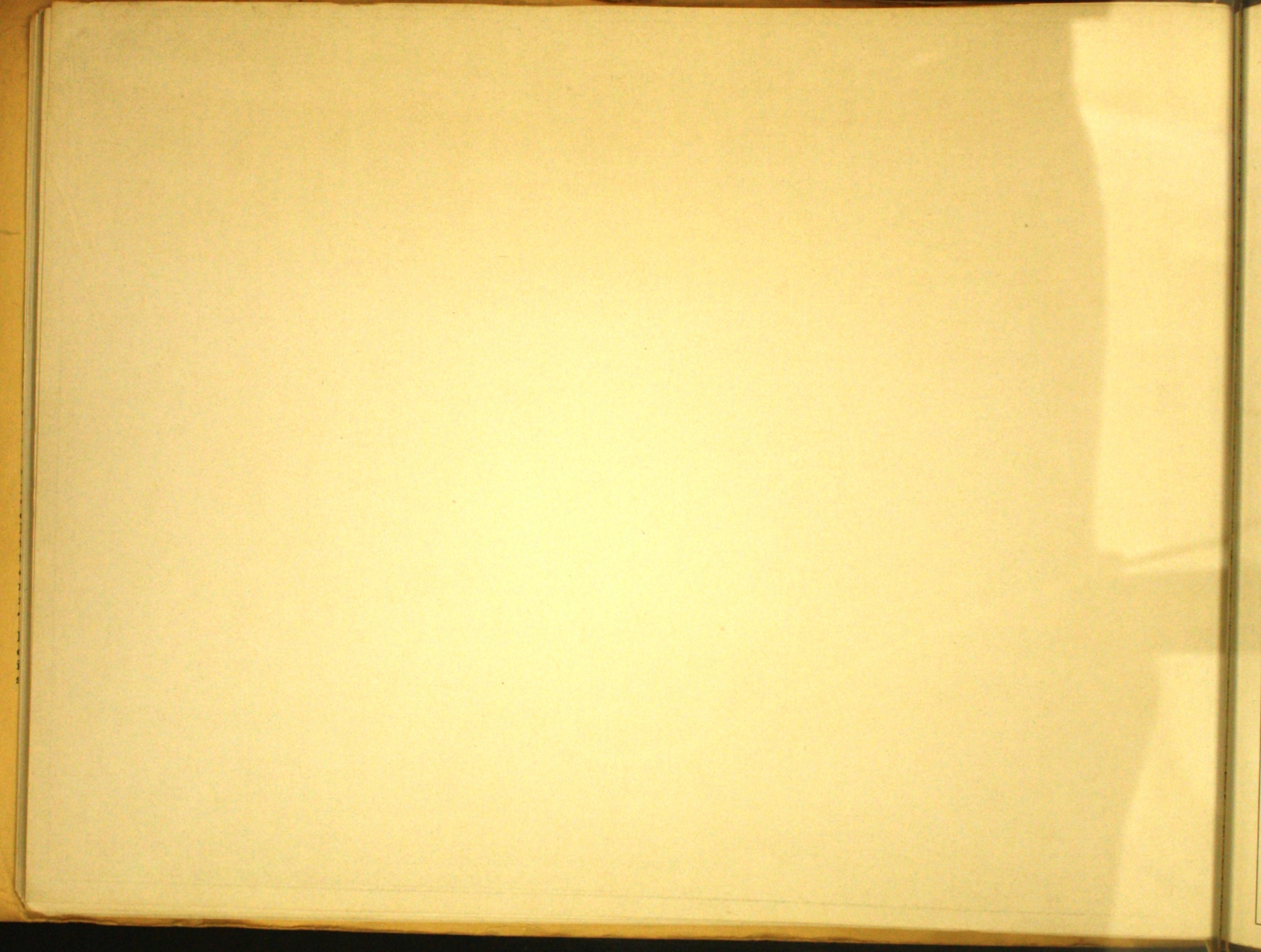


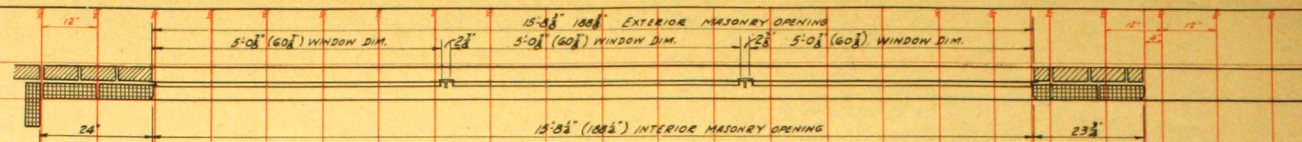
ELEVATION SHOWING JAMB - LINTEL & SILL

WINDOW OPENING SUITABLE FOR GLASS
BLOCK OR CONN. STEEL SASH

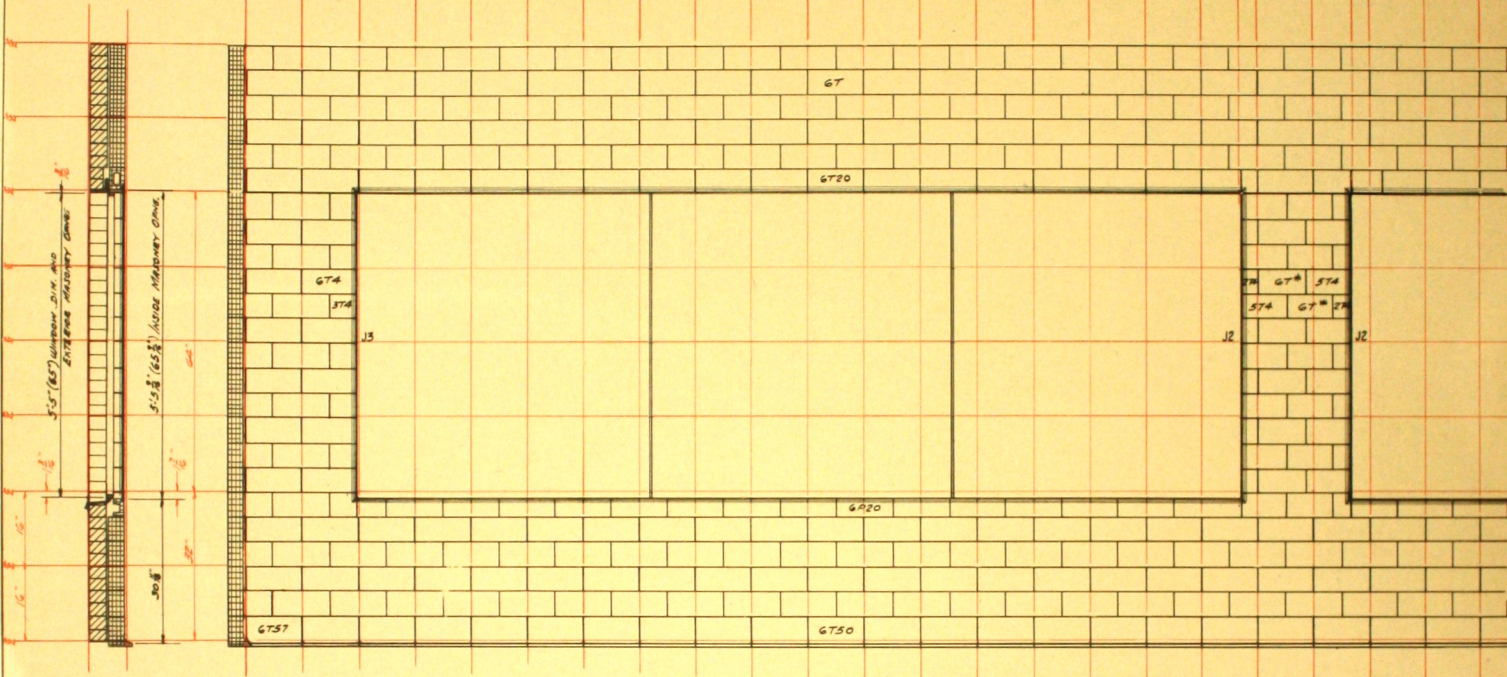
DRAWN FOR STARK BRICK Co
CANTON - OHIO

MODULAR PLANNING	
5 1/8" x 8" SERIES (3 COURSES IN 16")	
THE STARK ENGINEERING CO. - CANTON, OHIO	
Drawn <u>2004</u> Date <u>2-20-46</u>	Order No. _____
Chkd. <u>SWC</u> Date <u>4-1-46</u>	Dwg. No. <u>SM-18</u>
Apprd. _____ Date _____	





HORIZONTAL SECTION SHOWING STEEL SASH
AND MASONRY OPENING



VERT. SECTION
SHOWING STEEL SASH
AND MASONRY OPENING

ELEVATION SHOWING JAMB, SILL AND LINTEL
WITH MULTIPLE STEEL WINDOW OPENINGS
SILL & LINTEL EVEN 8\"/>

NOTE:
VARIATION IN WIDTH OF OPENINGS MAY BE
OBTAINED BY REDUCING WIDTH OF MULLIONS
FROM 3 1/2\"/>

NOTE -
RED LINES INDICATE GRID LINES, NOTICE
12\"/>

COPYRIGHT BY STARK ENG. CO. - 1944

DRAWN FOR Stark Brick Co.
CANTON - OHIO

MODULAR PLANNING <u>5 1/2 x 12</u> SERIES	
MULTIPLE STEEL WINDOW OPENINGS	
THE STARK ENGINEERING CO.	CANTON, OHIO
Drawn <u>M.F. ZAGRAY</u> Date <u>AUG. 30-46</u>	ORDER NO. _____
Check _____ Date _____	Dwg. No. <u>SM-19</u>
Approved _____ Date _____	

THE PRODUCERS' COUNCIL, INC.

815 - 15th St. N. W., Washington 5, D. C.

July 12, 1946

Mr. R. F. Sagrey, Sales Engineer
The Stark Brick Co.
Canton, Ohio

Dear Mr. Sagrey:

Thank you very much for sending me the copy of the new brochure on modular masonry, and I shall appreciate receiving the additional sheets as issued.

This is a very commendable publication and will be helpful to the further understanding and use of modular coordination. As a joint sponsor of the project the Council, of course, is solidly behind this movement and personally, as Chairman of the Publicity Committee, it is most encouraging to see this excellent promotional effort on the part of so well known a manufacturer of clay products.

Sincerely,

T. N. Hollis
T. N. Hollis
Managing Director

cc: R. C. Plummer
Frederick Heath, Jr.

AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC.

101 PARK AVENUE, NEW YORK 17, N. Y.

MEMBER COMPANIES PRESENT
1. AMERICAN BRIDGE COMPANY
2. AMERICAN RAILROADS
3. AMERICAN STEEL COMPANY
4. BETHLEHEM STEEL COMPANY
5. PITTSBURGH STEEL COMPANY
6. STEEL INDUSTRIES OF OHIO
7. UNITED STATES STEEL INDUSTRIES

CONSTITUTION
ARTICLE I
SECTION 1
The American Institute of Steel Construction, Inc. is a non-profit corporation organized for the purpose of promoting the use of structural steel in the construction of buildings and other structures.

July 11, 1946

Mr. R. F. Sagrey
Sales Engineer
The Stark Brick Company
Canton, Ohio

Dear Mr. Sagrey:

This will acknowledge receipt of your new brochure covering Modular Planning as related to the products of the Stark Brick Company. The subject has been very well prepared and the brochure makes a fine impression. You are to be congratulated upon an excellent piece of work.

Yours very truly,

AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC.

T. N. Hollis
T. N. Hollis
Director of Engineering

THE W

STEEL insures strength and security



THE AMERICAN INSTITUTE OF ARCHITECTS
1741 NEW YORK AVENUE, N. W.
WASHINGTON 4, D. C.

THE DEPARTMENT OF TECHNICAL SERVICES
THURGOOD LYNG CO., Technical Secretary

July 19, 1946

Mr. R. F. Sagrey, Sales Engineer
The Stark Brick Company
Canton, Ohio

Dear Mr. Sagrey:

Absence from the city has delayed my acknowledgment of your letter of July 3rd and the accompanying copy of your comprehensive Brochure on Modular Masonry Materials.

This presentation is the most complete that I have seen in its particular field of materials, and I feel you are to be commended both upon your adoption of modular coordination in the manufacture of your products and for your enterprise in making so useful and informative a document available.

Sincerely yours,

Robert H. Doughton
Robert H. Doughton
Technical Secretary

TTC/MDP
cc: Mr. Barry C. Plummer
Mr. Frederick Heath, Jr.

NATIONAL DOOR MANUFACTURERS ASSOCIATION

CHICAGO 4, ILLINOIS

July 25, 1946

The Stark Brick Company
Canton, Ohio

Attn: R. F. Sagrey
Sales Engineer

Gentlemen:

Your letter of July 18th addressed to Mr. Steinbauer was received in the office during my absence. In view of the fact, however, that Mr. Steinbauer resigned from this Company of 100 S. Michigan Street, Chicago, the writer is his successor.

We are glad to receive your letter of July 5th, together with copy of your new brochure upon Modular masonry. This is a fine piece of work and we are glad to receive. Shall appreciate it if you will keep us posted on any additions to this brochure.

Very truly yours

C. Lamm/Kiff
Secretary

METAL WINDOW INSTITUTE

CHELTENHAM, PENNA.
Phone: 8355

Mr. R. F. Sagrey
Sales Engineer
THE STARK BRICK COMPANY
Canton, Ohio

Dear Mr. Sagrey:

Thanks for your letter of July 5 and brochure upon Modular Masonry. It was very kind of Mr. Plummer to suggest my name for a copy.

Permit me to repeat what I wrote before to the effect that it requires only a few progressive organizations in each branch of the construction industry to bring modular planning into common use. The advantages are so obvious that others must follow.

Again I salute you as being outstanding in this effort.

Cordially yours,

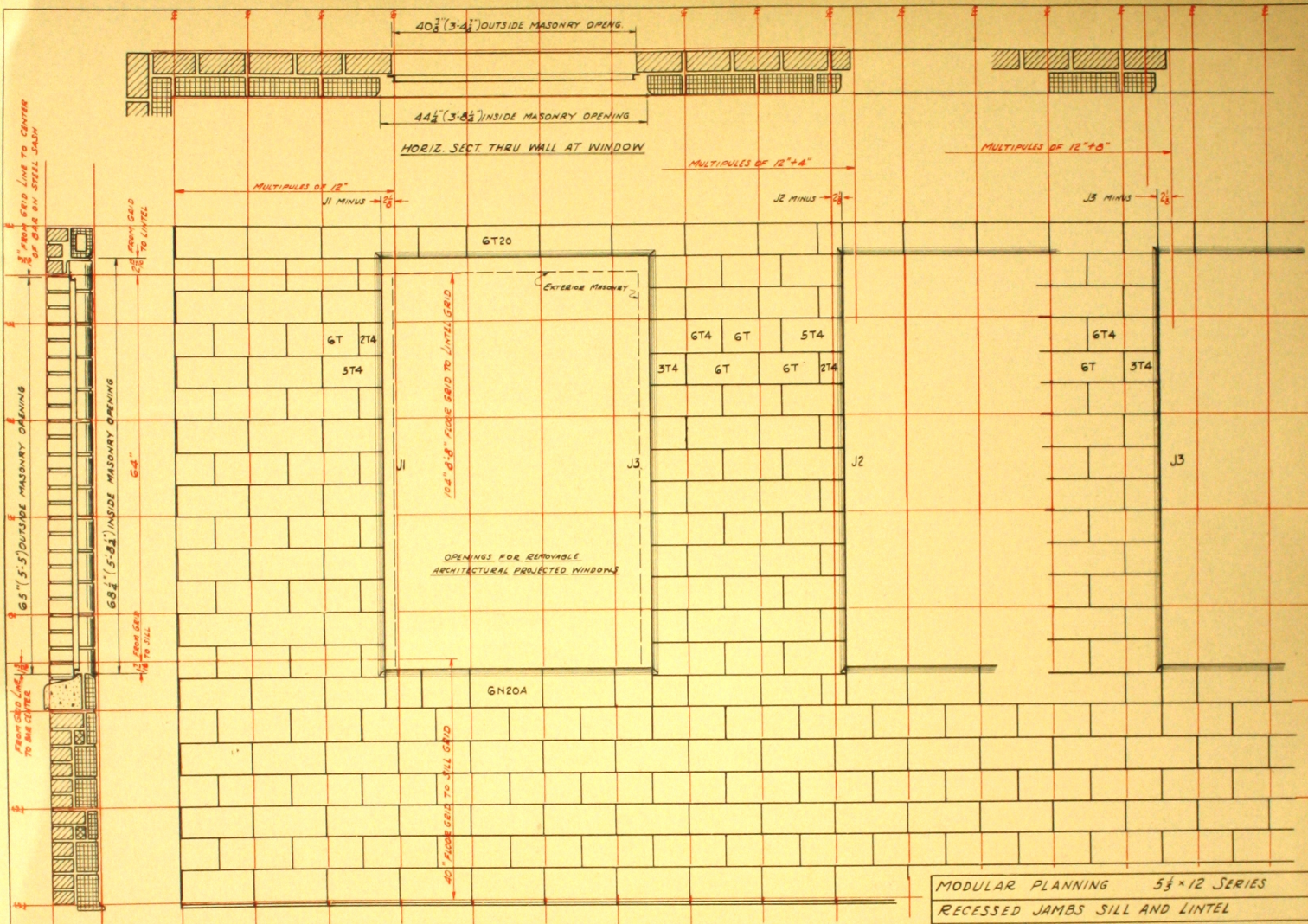
George Ringsten
George Ringsten
Executive Secretary

July 17, 1946.

LIGHT

AIR

VISION



VERT. SECT THRU
WALL AT WINDOW

NOTE-

RED LINES INDICATE GRID LINES NOTE 12"x16"
MAJOR GRID 12"x16" RED DIMENSIONS ARE FROM GRID.

ELEVATION SHOWING ALL JAMBS J1-J2 & J3
SILL AND LINTEL ODD 8" MULTIPLE FROM FLOOR

DRAWN FOR

STARK BRICK CO

CANTON OHIO

MODULAR PLANNING 5 1/2 x 12 SERIES
RECESSED JAMBS SILL AND LINTEL

THE STARK ENGINEERING CO.

CANTON, OHIO

Drawn H. F. ZAGARY Date SEPT 8, 48
Checked Date
Approved Date

ORDER NO.

Dwg. No.

SM-20

THE BALTIMORE AND OHIO RAILROAD COMPANY
ENGINEERING DEPARTMENT
BALTIMORE 1, MD. Sept 24th 1945, 1946.

Catalogue:

Stark Brick Company,
Canton, Ohio.

Referring to your letter of September 7th in which you advised that you were sending me under separate cover, registered copy of new brochure on Modular Masonry No. 600, this is to advise that you have received in this office on September 10th.

For your further information it is to advise that No. 600, which you sent to A. S. Milson, my chief draftsman, has been received. There will be made a part of our A.I.A. and data and will be available for the members of our organization. I am enclosing with this letter a copy of the brochure on Modular Masonry No. 600, which you will find of great interest. I am enclosing with this letter a copy of the brochure on Modular Masonry No. 600, which you will find of great interest. I am enclosing with this letter a copy of the brochure on Modular Masonry No. 600, which you will find of great interest.

Please accept our thanks for your letter.

THE WHEELING AND LAKE ERIE RAILWAY COMPANY
THE LOHAIN & WEST VIRGINIA RAILWAY COMPANY
ENGINEERING DEPARTMENT
HUNTSVILLE BUILDING
CHESAPEAKE 10, OHIO August 26th, 1946
File - 741

W. J. WILLIAMS
General Engineer

The Stark Brick Company,
Canton, Ohio.

Attention: Mr. W. F. Zagray, Sales Engineer.

Dear Sir:-

This is to acknowledge the receipt of, and to thank you for, registered copy 602 of your new brochure upon Modular Masonry.

I very much appreciate this action on your part and this copy will be placed in my catalogue file for reference.

Very truly yours,

434 15th Street, N.W. THE PRODUCERS' COUNCIL, INC. Washington 5, D.C.
THE NATIONAL ORGANIZATION OF MANUFACTURERS OF BUILDING MATERIALS AND EQUIPMENT

4 August 1946

MEMORANDUM

SPT NEWS The June issue reports a meeting of the SPT Committee on Engineering and Research, made up of the various Regional Directors. They initiated SPT publication of a four-page leaflet folder, containing the complete list of sizes which will be made available every November. The standard to modular size is completed by the industry. This is intended to assist agencies to design future construction using modular clay products. This folder will be distributed by the Regions and, to preclude any miscommunication, this folder will be made all sizes, each Region will enclose its own list of sizes to complete modular production.

Modular brick scales were also covered, and are now in production. Three rules, with ten scales on each, will be distributed by the Regions to all architects within the territory.

STARK MODULAR BROCHURE One of the first structural clay product companies to maintain a genuine interest in Modular Masonry was The Stark Brick Company of Canton, Ohio. It is no surprise, therefore, that they have been the first to distribute a really comprehensive brochure on Modular Masonry. This is loaned to architects and Engineers. As additional sheets are issued they will be supplied to all registered sets and thereby keep them at all times up to the minute as to modular design.

Shape details are given only for the 2-1/2" x 8" and the 2-1/2" x 12" nominal sizes, which, in the opinion of this company, represents the size having greatest economy in the wall. In the shape pages are listed certain units in the 2-2/3" x 8" and the 2-2/3" x 12" nominal sizes, which are furnished as coursed material only. A Bulletin with the Brochure explains that certain other sizes also fit dimensional coordination, but, until further action, will not be manufactured by this company. Concerning availability the Bulletin states:

"This company is overworked at the present time and first deliveries upon new orders cannot be made under six to ten months, depending upon type and finish. Increases in production, we hope will enable us to reduce this delivery time, but, at the present, we cannot make better delivery promises. Builders who prefer to lay out construction jobs using modular sizes will be in a position of obtaining such sizes at an early date, but no earlier than the present standard sizes."

FIRST CONTINUOUS MODULAR BRICK PRODUCTION IN OHIO Items in Model about the Ohio have called for further comment by The General Ohio. It is pointed out that others may have started, but they started, but they wish to point out that they switched to the modular size and then that time.

U.S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS
WASHINGTON 25
July 11, 1946



RECEIVED JULY 11 1946
NATIONAL BUREAU OF STANDARDS
WASHINGTON 25

The Stark Brick Company,
Attn: W. F. Zagray,
Canton, Ohio

Dear Sir:

This is to acknowledge receipt of and to thank you for my copy No. 10 of your well-represented brochure on Modular Masonry.

As suggested in your letter, I shall be pleased to receive additional sheets as they are issued.

Very truly yours,
W. B. Wilson,
Executive Committee AGC.

SOUTHERN BRICK AND TILE MANUFACTURERS ASSOCIATION
TELEPHONE JACKSON 1747 • Candler Building • ATLANTA 3, GEORGIA
CHANCELLER H. H. HATH, EXECUTIVE SECRETARY
September 10, 1946

Mr. W. F. Zagray, Sales Engineer
The Stark Brick Co.
Canton, Ohio

Dear Mr. Zagray:

I have read your brochure from cover to cover, and studied several portions of it with great deal of interest. This is an excellent piece of work and I am delighted to extend my hearty congratulations.

I am particularly interested in Drawing No. 2 where you developed a very logical system of modular construction. This is a very important system of modular construction. I am particularly interested in Drawing No. 2 where you developed a very logical system of modular construction. This is a very important system of modular construction. I am particularly interested in Drawing No. 2 where you developed a very logical system of modular construction. This is a very important system of modular construction.

Mr. W. F. Zagray
Sales Engineer
Stark Brick Company
Canton, Ohio

Dear Mr. Zagray:

Re: Modular Masonry

I wish to take this opportunity to acknowledge your letter and also receipt of Registered Copy #600 of your new brochure on Modular Masonry.

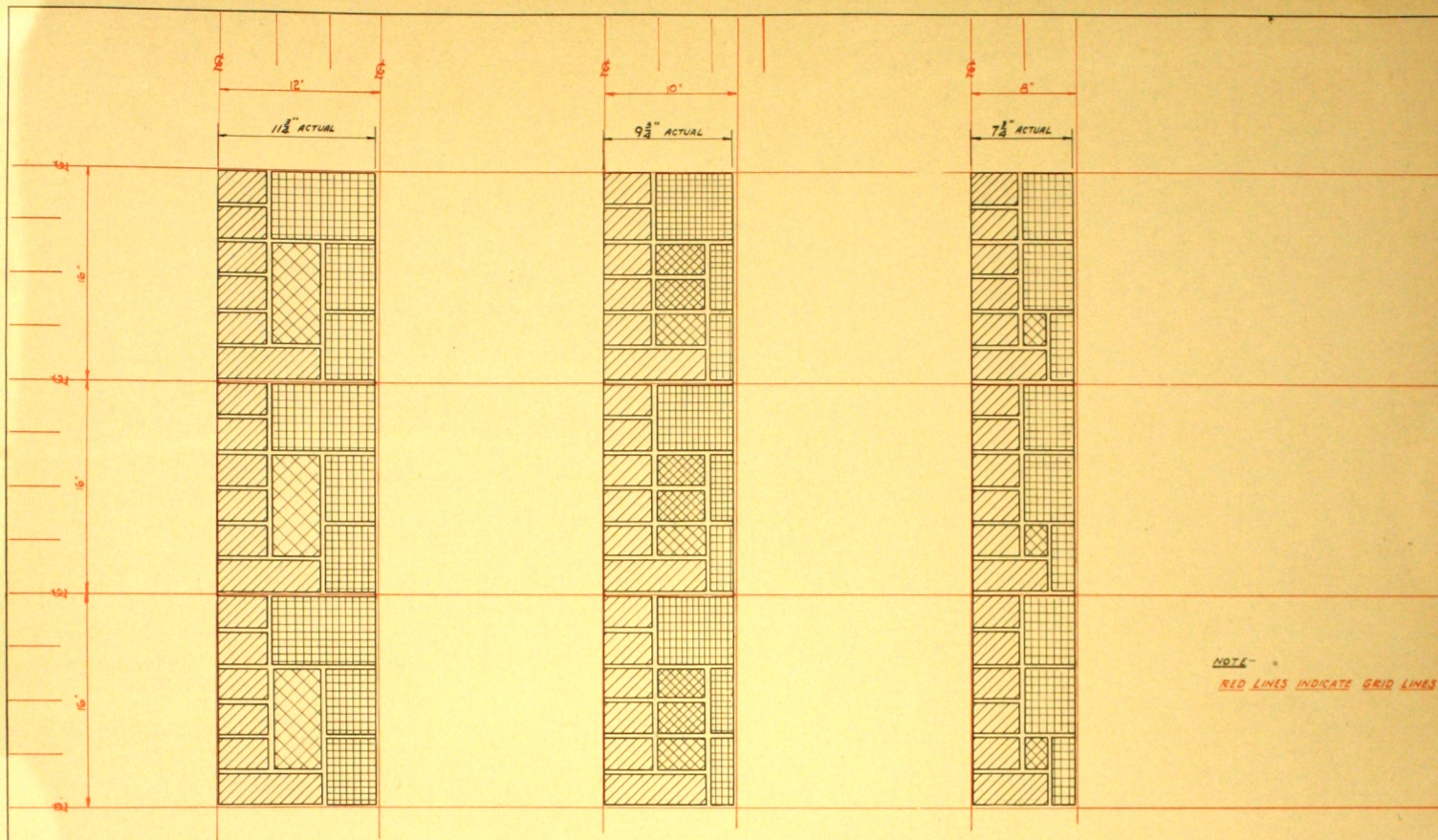
I have studied your very comprehensive book from time to time and I am coming to the conclusion that this represents a great deal of work and effort but that you are amply repaid in that you have created a great value help.

Your presentation really demonstrates very well the advantages of modular planning and I know that you will find accolade everywhere.

With very best wishes, I remain

Very truly yours,

BRICK AND TILE ASSOCIATION OF OKLAHOMA
OTTO FLEMMING
Manager-Engineer



12" WALL

10" WALL

8" WALL

STRUCTURAL BONDING OF FACING TILE AND LOAD
BEARING EXTERIOR WALLS

NOTE -
RED LINES INDICATE GRID LINES

FACE SIZE -
INTERIOR $5\frac{1}{2} \times 11\frac{1}{2}$ WITH $\frac{1}{4}$ " MORTAR JOINTS
EXTERIOR $2\frac{1}{8} \times 7\frac{1}{8}$ " $\frac{1}{8}$ " " "

DRAWN FOR STARK BRICK CO.
CANTON, OHIO

EXTERIOR - 6 COURSES IN 16"
INTERIOR - 3 " " "

MODULAR PLANNING			
EXTERIOR WALL SECTIONS -- 12"-10"-8" WALLS			
THE STARK ENGINEERING CO.		CANTON, OHIO	
Drawn <u>H. E. BARRY</u>	Date <u>JULY 22-46</u>	ORDER NO.	
Chkd. _____	Date _____	Dwg. No. SM-21	
Apprd. _____	Date _____		

CONSOLIDATED ENGINEERING COMPANY, INC.
GENERAL CONTRACTORS
BUILDING AND ENGINEERING CONSTRUCTION
27 PAUL AND FRANKLIN STREETS
BALTIMORE 2, MD.

August 20, 1946

Mr. H. F. Zagray
Stark Brick Company
Canton, Ohio

Dear Sir:

Please accept my thanks for your copy No. 30 of your new brochure upon Modular Masonry. The information contained therein will be of great assistance to me.

A Supply Company, alert to supply product.

Very truly,
J. E. Montgomery, Inc.

TRUSCON STEEL COMPANY
STEEL PRODUCTS
GENERAL OFFICES AND HEAD QUARTERS
YOUNGSTOWN, OHIO
August 8, 1946

Mr. H. F. Zagray, Sales Eng.
The Stark Brick Company
Canton, Ohio

Dear Mr. Zagray:

This is to acknowledge receipt of your letter Aug. 2nd and a copy of your new Brochure on Modular Masonry for which please accept our sincere thanks. We have examined the contents of this Brochure and find it very interesting and you are to be complemented on a job well done.

We will greatly appreciate being placed on your mailing list for any revisions or additions to this useful information as it will assist us in our catalogue plate work.

Very truly yours,
J. E. Montgomery, Inc.
Mr. Standards & Research

JEMontgomery:lk

MAURICE A. KNIGHT

KNIGHT'S STONEWARE
ACID AND CORROSION PROOF CHEMICAL STONEWARE
ACID CEMENT - BRICK - PIPE AND SPECIAL WARE

Office and Factory Both America
AKRON, OHIO

September 2, 1946

Stark Brick Company
Canton, Ohio

Attn: Mr. H. F. Zagray
Sales Engineer

Dear Mr. Zagray:

We have your letter of September 1st in which you advise that you are sending us a copy No. 30 of your new Brochure on Modular Masonry. We certainly appreciate your thoughtfulness in sending us a copy of this very excellent work. We have not received it; but I did, as you recall, see a copy that you had with you one day when you visited my office.

Very truly yours,

MAURICE A. KNIGHT COMPANY

C. A. Knight, Manager
PRINCIPAL DESIGNER

**OWENS-CORNING
FIBERGLAS CORPORATION**

EXECUTIVE OFFICES

NEW YORK, N. Y.

July 9, 1946

Mr. H. F. Zagray, Sales Engineer
The Stark Brick Company
Canton, Ohio

Dear Mr. Zagray:

I very much appreciate receiving copy No. 8 of your new brochure on Modular Masonry. I have had an opportunity to glance at it briefly, but will study it in more detail when I return from a short business trip. Mr. Fred Neath went over it with me this morning and I was very much impressed with the thoroughness and clarity of your presentation. As you know, I am interested in all of these developments, because my position as Chairman of the Technical Committee of the Producers' Council, Inc.

My congratulations on a very timely and well handled job!

Very truly yours,

J. H. Rogers
JUL 9 S. 1946

TER:jaw

NATIONAL CONCRETE MASONRY ASSOCIATION
38 South Dearborn Street
Chicago 5, Illinois
July 10, 1946
File 8-4

Mr. H. F. Zagray, Sales Engineer
The Stark Brick Company
Canton, Ohio

Dear Mr. Zagray:

This will acknowledge with our sincere thanks, the copy of your new brochure upon Modular Masonry. I have been very much interested in the information contained in your brochure and the splendid manner in which it is presented. You are to be complimented for making this very useful measure available to the construction industry.

Yours very truly,

THE BALLINGER COMPANY
ARCHITECTS AND ENGINEERS
100 SOUTH TWELFTH STREET
PHILADELPHIA 7
August 1, 1946

Stark Brick Company,
Canton, Ohio

Dear Sirs:

We acknowledge receipt of the brochure #10, which you have recently prepared. Kindly accept our sincere thanks for this document as we know it will be of great assistance in our drafting room. In not only enclosing the draftsman the correct method of laying out the blocks, but it will save a great deal of time.

Again thanking you,

Yours very truly,

THE BALLINGER COMPANY
J. O. Harrison

FRANKLIN D. PRUITT
PROVIDENCE D. PRUITT, JR.

THE FIRM OF
FREDERICK C. FROST
ARCHITECTS
110 WEST 40TH STREET
NEW YORK 18, N.Y.



July 9, 1946

Mr. R. F. Sagrey,
The Stark Brick Company
Canton, Ohio

Dear Mr. Sagrey:

I wish to acknowledge receipt of your new brochure on Modular Masonry, and thank you for same. I have looked over this brochure and find it of much interest.

Yours very truly,

F. D. Pruitt

DONALD CHURCH
CARL C. CARLSON
CARL FELT
HARVEY FLEISCH

Mr. R. F. Sagrey,
The Stark Brick Company,
Canton, Ohio.

My dear Mr. Sagrey,

Your brochure on Modular Masonry is a real contribution to the introduction of the modular design which we all believe will do so much toward simplification and standardization in the building industry. It would be only just that you profit by such an intelligent approach toward helping your customers and the contribution you make to improved methods. I add that hope to my appreciation for the valuable brochure.

Sincerely yours,

Alfred Rheinstein
Alfred Rheinstein

12 July 1946

EUBANK & CALDWELL, INC.
ARCHITECTS & ENGINEERS
DESIGN - CONSTRUCTION
KANSAS, ILLINOIS

July 23, 1946

The Stark Brick Company
Canton, Ohio

Gentlemen:

We thank you for your letter closing your loose-leaf brochure.

We shall be glad for you to make developments in Modular design you have them available.

Very truly yours,

EUBANK & CALDWELL

J. Walker

JWC/lc

Meeker Brothers
IRON COMPANY
MANUFACTURERS OF
METAL WINDOWS
Saint Louis 2, Mo.

Aug. 7, 1946

Stark Brick Co.,
Canton, Ohio.

Re: Modular Brick.

Gentlemen:

We received your general bulletin of July 2nd enclosing your new brochure on modular brick.

We wish to compliment you on the way this brochure is made up and we appreciate the way your thoughtfulness in sending us a copy of it for our use.

Sincerely yours,

MEEKER BROS. IRON COMPANY,

John B. G. Meeker
John B. G. Meeker,
Vice-President.

JMG

ORIGINATORS OF WROUGHT IRON SASH

ALFRED REINHSTEIN
DESIGN - CONSTRUCTION
KANSAS, ILLINOIS

ERNEST SIBLEY, A.A.
ARCHITECT

JOHN E. RICHARDS, A.A.
ERNEST SIBLEY, JR.
SEVEN SEVENTH MAIN STREET

WEST BARTHOLOMEW CORNER
August 9, 1946

The Stark Brick Company
Canton, Ohio

Dear Sirs:

This is to acknowledge we
thank the copy of the MODULAR



Sweet's Catalog Service
A. Lynwood Ferguson, Architectural Consultant

August 22, 1946

Mr. W. H. Davis
Stark Brick Company
Canton, Ohio

Dear Mr. Davis:

Mr. Thomas has sent me a copy of your new manual on Modular Masonry and I have reviewed it with much interest. You and your organization are to be congratulated on the clear and easily comprehended manner in which the data is presented. In my work I have, of course, seen quite a number of presentations on the Modular System. Some have been excellent but others seem to make the subject so complicated as to discourage use by architects and contractors.

If I or our service department can be of any help to you in preparing the material for Sweet's please call on me. Again my congratulations on a fine job.

Cordially yours,
SWEET'S CATALOG SERVICE
A. Lynwood Ferguson
A. Lynwood Ferguson
Architectural Consultant

ALF/ab

WILLIAM KOEHLER, A.A.
DESIGN - CONSTRUCTION
KANSAS, ILLINOIS
CLEVELAND 18, OHIO

Mr. H. F. Sagrey, July 20/46
The Stark Brick Co.
Canton, Ohio

Dear Mr. Sagrey,
I received your letter dated July 15/46 and I am glad to hear that you are interested in the modular design. I am sure that you will find it of much interest. I am sure that you will find it of much interest. I am sure that you will find it of much interest.

HARRY A. FELTON
ARCHITECT
2000 EIGHTH AVENUE
CLEVELAND 9, OHIO

July 19, 1946.

The Stark Brick Company,
Canton, Ohio.

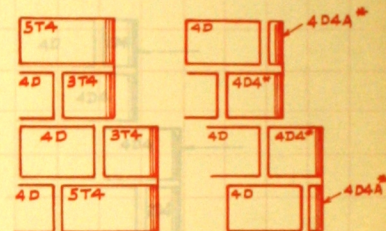
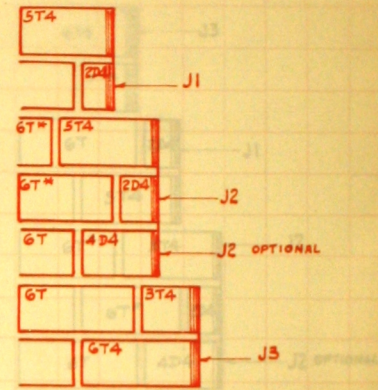
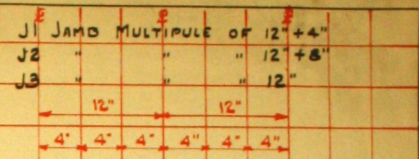
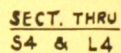
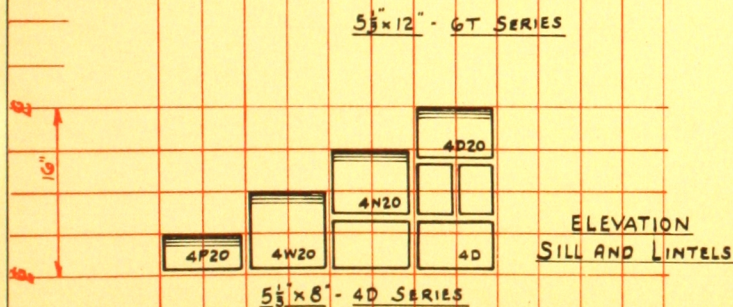
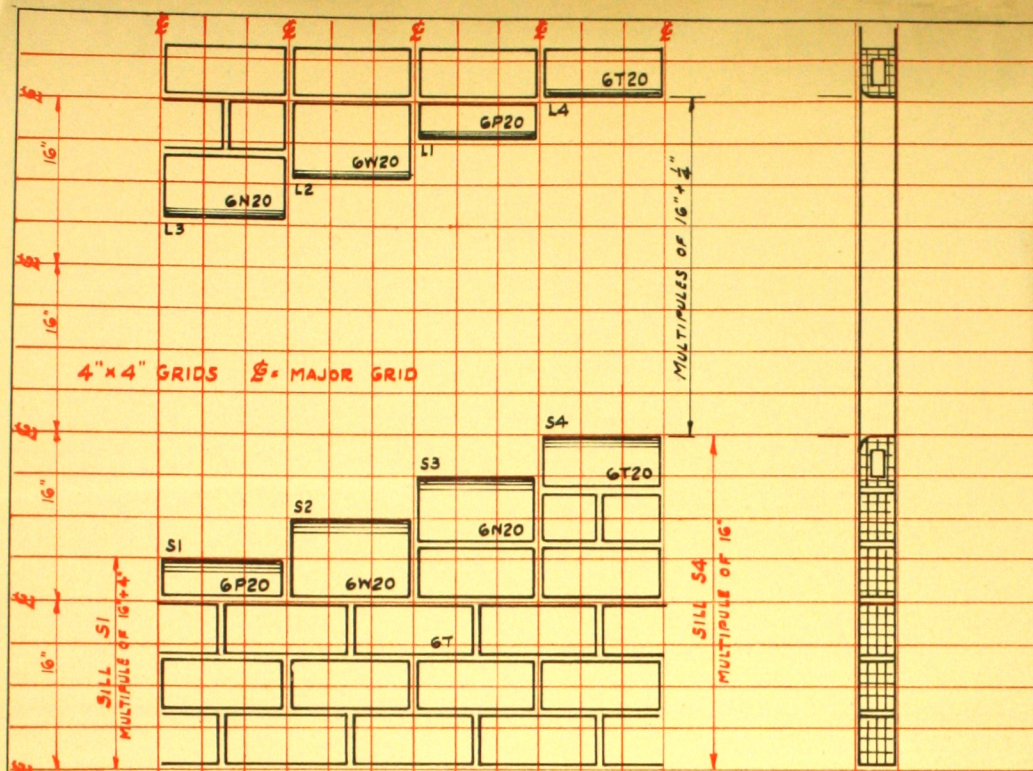
Gentlemen:

This is to thank you and your local representative, The Kemper-Clary Company, for the brochures received today for use in this office.

We wish to compliment you on this production which I am certain will be extensively used in our work.

Very truly yours,

Harry A. Felton
HARRY A. FELTON, ARCHITECT.



COMB. OF JAMBS FOR RECESSED
WINDOWS - 2" RECESS

COMBINATION OF SILL-LINTEL & JAMBS
THE STARK ENGINEERING CO.—CANTON, OHIO

Drwn ZAGRAY Date 10-3-46 Order No. _____
Chkd. " Date " Dwg. No. **SM-2**
Aprvd. Date

REPLACES DWG. SM-2 ISSUED SEPT. 18, 1945

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CANTON - OHIO

